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U.S. DEPARTMENT OF THE INTERIOR
March 3 1849

Water Resources Data
South Carolina
Water Year 1984

ORIGINAL

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-84-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

October 1, 1978

FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI). This report contains both the inch-pound and SI unit equivalents in the station manuscript descriptions.

Multiply inch-pound units	By	To obtain SI units
	Length	
inches (in)	2.54×10^{1}	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^{0}	kilometers (km)
	Area	
acres	4.047×10^{3}	square meters (m^2)
	4.047×10^{-1}	square hectometers (hm^2)
	4.047×10^{-3}	square kilometers (km^2)
square miles (mi^2)	2.590×10^{0}	square kilometers (km^2)
	Volume	
gallons (gal)	3.785×10^{0}	liters (L)
	3.785×10^{0}	cubic decimeters (dm^3)
	3.785×10^{-3}	cubic meters (m^3)
million gallons	3.785×10^{3}	cubic meters (m^3)
	3.785×10^{-3}	cubic hectometers (hm^3)
cubic feet (ft^3)	2.832×10^{1}	cubic decimeters (dm^3)
	2.832×10^{-2}	cubic meters (m^3)
cfs-days	2.447×10^{3}	cubic meters (m^3)
	2.447×10^{-3}	cubic hectometers (hm^3)
acre-feet (acre-ft)	1.233×10^{3}	cubic meters (m^3)
	1.233×10^{-3}	cubic hectometers (hm^3)
	1.233×10^{-6}	cubic kilometers (km^3)
	Flow	
cubic feet per second (ft^3/s)	2.832×10^{1}	liters per second (L/s)
	2.832×10^{1}	cubic decimeters per second (dm^3/s)
	2.832×10^{-2}	cubic meters per second (m^3/s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm^3/s)
	6.309×10^{-5}	cubic meters per second (m^3/s)
million gallons per day	4.381×10^{1}	cubic decimeters per second (dm^3/s)
	4.381×10^{-2}	cubic meters per second (m^3/s)
	Mass	
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons

U.S. DEPARTMENT OF THE INTERIOR

March 3 1849

Water Resources Data
South Carolina
Water Year 1984

by C.S. Bennett, R.D. Hayes, J.W. Gissendanner, and K.H. Jones

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-84-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

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PREFACE

This volume of the annual hydrologic data report of South Carolina is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for South Carolina are contained in one volume.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

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Water resources data for the 1984 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels of ground-water wells. This volume contains records for water discharge at 93 gaging stations, stage only at 5 gaging stations, stage and contents at 11 lakes and reservoirs, water quality at 49 gaging stations, and water levels at 62 observation wells. Also included are data for 40 crest-stage partial-record station. Locations of these sites are shown on figures 3, 4, 5, and 6. Additional water data were collected at various sites not involved in the systematic data-collection program. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

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[Letters after station name designate type of data: (d) discharge, (c) chemical, (s) sediment, (t) water temperature, (g) gage-height, (e) elevation]

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WATER RESOURCES DATA FOR SOUTH CAROLINA, 1984

INTRODUCTION

Water resources data for the 1984 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and ground-water levels. This report contains discharge records for 93 gaging stations; stage-only records for 5 gaging stations; stage and contents for 11 lakes and reservoirs; water quality for 49 gaging stations; and water levels for 62 observation wells. Also included are data for 40 crest-stage partial-record stations. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous investigations of water quality. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

Records of discharge and stage of streams, and contents or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from Branch of Distribution, U.S. Geological Survey, 604 South Pickett Street, Arlington, VA 22304.

For water years 1961 through 1970, streamflow data were released by the Geological Survey in annual reports on a State-boundary basis. Water-quality records for water years 1964 through 1970 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1971 water year, water data for streamflow, water quality, and ground water are published as an official Survey report on a State-boundary basis. These official Survey reports carry an identification number consisting of the two letter State Abbreviation, the last two digits of the water year, and the volume number. For example, this report is identified as "U.S. Geological Survey Water-Data Report SC-84-1." For archiving and general distribution, the reports for water years 1971-74 are also identified as water-data reports. These water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on the back of the title page or by telephone 803/765-5966.

COOPERATION

The U.S. Geological Survey and organizations of the State of South Carolina have had cooperative agreements for the systematic collection of water records since 1930. Organizations that supplied data are acknowledged in station descriptions. Organizations that assisted in collecting data through cooperative agreement with the Survey are:

South Carolina Water Resources Commission, A. H. Vang, Executive Director
South Carolina Public Service Authority, W. C. Mescher, General Manager
South Carolina Department of Highways and Public Transportation,
  P. W. Cobb, Chief Highway Commissioner
South Carolina Department of Health and Environmental Control,
  R. S. Jackson, Commissioner
City of Charleston, J. R. Bettis, Manager of Commission of Public Works
City of Spartanburg, L. D. Cantrell, Chairman of Commissioners of Public
  Works

The following Federal agencies assisted in the data collection by furnishing funds or services:

Corps of Engineers, U.S. Army
U.S. Department of Energy
Soil Conservation Service, U.S. Department of Agriculture
National Park Service, U.S. Department of Interior

The following organizations aided in collecting records:

Bowater-Carolina Corporation
Caro-Knit, Inc.
Carolina Power and Light Company
Duke Power Company
Milliken Corporation
Platt-Saco-Lowell Corporation
South Carolina Electric and Gas Company

SUMMARY OF HYDROLOGIC CONDITIONS

The total rainfall throughout South Carolina for the 1984 water year was slightly above normal, and the distribution of rainfall produced about average streamflow during most periods of the year. The Piedmont province, which covers the upper 35 percent of the State above the "Fall Line" is very sensitive to precipitation due to the geology and topography of the area. Rainfall in the Greenville-Spartanburg area was about 34% above normal and produced streamflow above the computed 7-day, 10-year minimum discharge in the Piedmont area as shown in the following table:

Station	Drainage area (square mile)	Minimum mean daily discharge (cubic foot per second)	$7Q_{10}$ discharge (cubic foot per second)
Piedmont			
02155500 Pacolet River near Fingerville	212	106	61
02163500 Saluda River near Ware Shoals	581	288	190
Inner Coastal Plain			
02135300 Scape Ore Swamp near Bishopville	96.0	16.0	6.7
Lower Coastal Plain			
02136000 Black River at Kingstree	1,252	52	5.7
02176500 Coosawhatchie River near Hampton	203	0.42	0.03

Low-flow conditions in the Inner and Lower Coastal Plain provinces were also above normal as shown by the preceding table. Rainfall in these provinces ranged from 9.8 percent above normal at Columbia to 1.4 percent above normal in Charleston. Figure 1 on page 4 shows a comparison of monthly and yearly mean discharges during the 1984 water year with the median of monthly and yearly discharges for the periods listed for two index stations in these areas.

Flood conditions in the State were generally nonexistent during the water year. Peaks were recorded during various months due to the erratic precipitation which occurred this year.

Ground-water levels, like streamflow, strongly reflected climatic conditions. In the Piedmont, ground water occurs in the fault and fracture system of the crystalline rock and in places in the shallow material overlying the hard rock. Water levels in the area quickly reflect the amount of precipitation received. During the 1984 water year, precipitation in the South Carolina Piedmont was higher than normal.

In the Coastal Plain, ground water occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this portion of the State, and in areas of heavy withdrawal of ground water by pumping from the artesian aquifers, a reduction of the pressure head has caused the water level to decline. This decline persists in areas where there is continual pumping on a year-round basis. Ground-water levels in the Black Creek aquifer at North Myrtle Beach continues to show a decline during the water year. Water levels at the center of

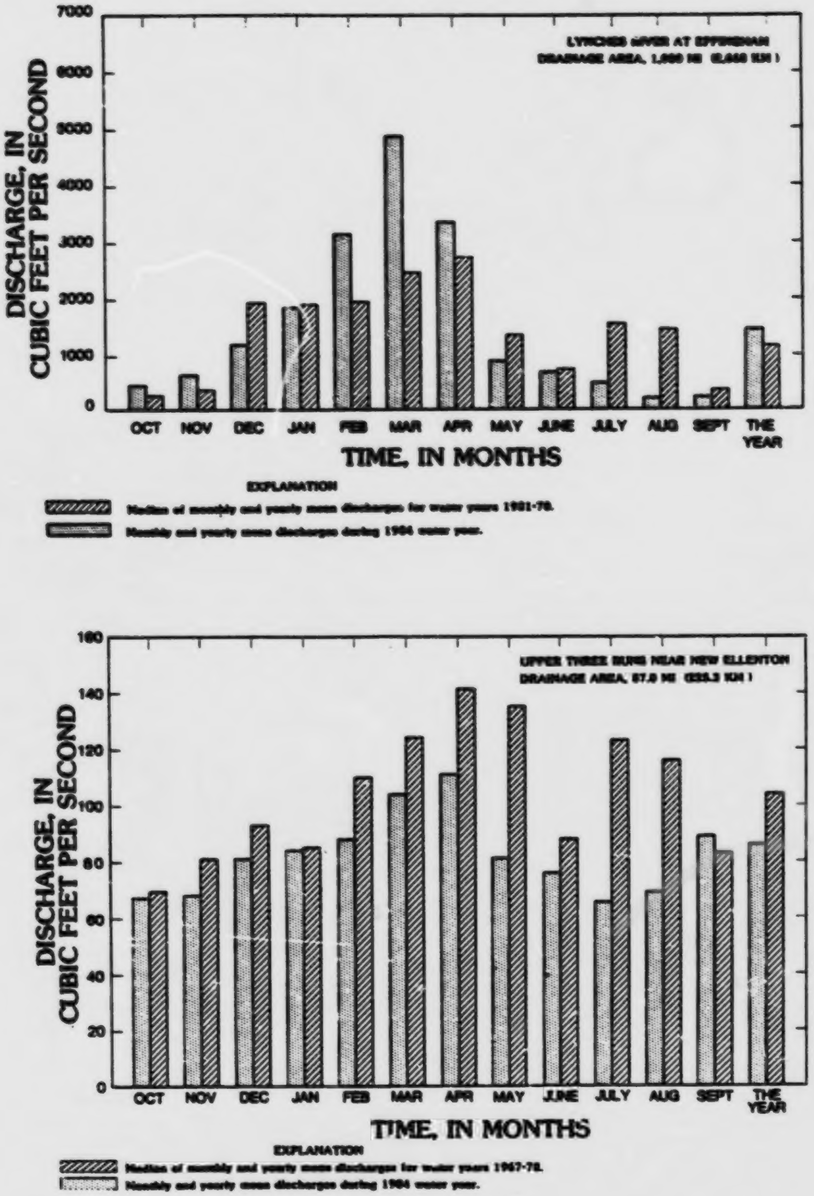

Figure 1.--Comparison of discharge at two long-term representative gaging stations during 1984 water year with median discharges.

the cone of depression at Myrtle Beach were lower. In areas where heavy pumping is subject to seasonal or peak demands, water levels will fluctuate upward during periods of lighter pumping. The nonartesian or water-table aquifers used mostly for domestic water supplies are affected more by recharge from precipitation than from pumping. Variation in water levels for wells included in this report are illustrated by hydrographs below the tables in the ground-water section.

Water-quality data were collected at 49 surface-water sites during this water year Comparison of this data with previous years showed little change in the chemical quality occurred this year.

NOTICE

During water year 1978, revisions were made in the terminology used to define 143 of the water-quality parameter codes that have been used by the Geological Survey in its publication of water-quality data and in its WATSTORE data system. These revisions were made to achieve consistency in terminology and to conform to a joint USGS-EPA agreement on terminology. They do not represent a change in the way the codes have been used in the past or in the association of specific code numbers with identified analytical procedures.

Use of the new terminology began with the data for the 1978 water year, and therefore, it first appeared in the publication for that year. Definitions on which the terminology is based are included in the "Definitions" section of this report, and listings showing both old and new terminology are attached as an appendix to this report.

DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also the table for converting English units to International System of units (SI) on the inside of the back cover.

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water levels stands above the top of the aquifer, tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as the organisms which produce colonies within 24 hours when incubated at 35°C ± 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all the organisms which produce blue colonies within 24 hours when incubated at 44.5°C ± 0.2°C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Fecal streptococcal bacteria are bacteria found also in intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C ± 1.0°C on M-enterrococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Bed material is the unconsolidated material of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the mass per unit area or volume of habitat.

Ash mass is the mass or amount of residue present after the residue from the dry mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in grams per cubic meter (g/m^3) and periphyton and benthic organisms in grams per square meter (g/m^3).

Dry mass refers to the mass of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample Dry mass values are expressed in the same units as ash mass.

Organic mass or volatile mass of the living substance is the difference between the dry mass and ash mass, and represents the actual mass of the living matter. The organic mass is expressed in the same units as for ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Cells/volume refers to the number of cells of any organism which is counted by using a microscope and grid or counting cell. Many planktonic organisms are multi-celled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons or 2,447 cubic meters.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water, and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants Chlorophyll a and b are the two most common pigments in plants.

Color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Cubic foot per second (FT^3/S, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment), that passes a given point within a given period of time.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a particular instant of time.

Dissolved is that material in a representative water sample which passes through a 0.45 µm membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or noncontribution areas, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Hydrologic Unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as delineated by the Office of Water Data Coordination on the State Hydrologic Unit Maps; each hydrologic unit is identified by an 8-digit number.

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per gram (µg/g) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

Micrograms per liter (µG/L, µg/L) is a unit expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represent the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in mg/L, and is based on the mass of sediment per liter of water-sediment mixture.

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meters (m^2), acres, or hectares. Periphyton benthic organisms, and macrophytes are expressed in these terms.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliters (mL) or liters (L). Numbers of planktonic organisms can be expressed in these terms.

Partial-record station is a particular site where limited streamflow and/or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology.

The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay..........	0.00024 -0.004	Sedimentation
Silt..........	.004 -.062	Sedimentation
Sand..........	.062 -2.0	Sedimentation or sieve
Gravel........	2.0 -64.0	Sieve

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic material is removed and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native water analysis.

Pesticides are chemical compounds used to control undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides. Insecticides and herbicides, which control insects and plants respectively, are the two categories reported.

Picocurie (PC, pCi) is one trillionth (1x10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7x10^{-10} radioactive disintegrations per second. A picocurie yields 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water or lakes and rivers.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment, and are commonly known as algae.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column, and are often large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers.

Runoff in inches (IN, in) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume, that passes a section in a given time. It is computed by multiplying discharge times mg/L times 0.0027.

Suspended-sediment load is quantity of suspended sediment passing a section in a specified period.

Total sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry weight or volume, that passes a section during a given time.

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour day.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance in (microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height (stage) and volume of water per unit of time, flowing in a channel.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lived.

Natural substrates refers to any naturally occurring emersed or submersed solid surface, such as a rock or tree, upon which an organism lived.

Artificial substrate is a device which is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

Surface area of a lake is that area outlined on the latest USGS topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 µm membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of "suspended, recoverable" constituents are made either by analytical portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45 µm membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration in milligrams per liter by 0.00136.

Tons per day is the quantity of substance in solution of suspension that passes a stream section during a 24-hour day.

Total is the total amount of a given constituent in a representative water-suspended sediment sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determines all of the constituent in the sample.)

Total load (tons) is the total quantity of any individual constituent, as measured mass or volume, that is dissolved in a specific amount of water (discharge) during a given time. It is computed by multiplying the total discharge times the mg/L of the constituent times the factor 0.027 times the number of days.

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Recoverable from bottom material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of only readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Total in bottom material is the total amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material."

Water year in the Geological Survey reports is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ended September 30, 1984, is called the "1984 water year."

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to refer to State annual basic-data reports published before 1975.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

DOWNSTREAM ORDER AND STATION NUMBERS

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indention in a list of stations in the front of the report. Each indention represents one rank. This downstream order and system of indention show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station such as 02175000, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6-digit downstream order number 175000.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The 8-digit downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits (assigned sequentially) uniquely identify the wells or other sites within a 1-second grid. See figure 2 below.

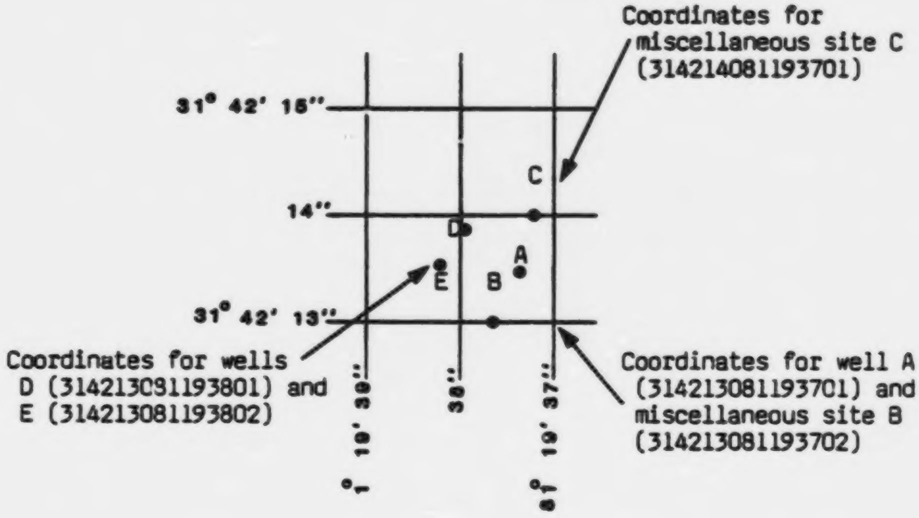
Coordinates for miscellaneous site C (314214081193701)
31° 42' 15"
C
14"
D
A
E
B
31° 42' 13"
Coordinates for wells D (314213081193801) and E (314213081193802)
81° 19' 39"
38"
81° 19' 37"
Coordinates for well A (314213081193701) and miscellaneous site B (314213081193702)

Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

National stream-quality accounting network (NASQAN) is a data collection network designed by the U.S. Geological Survey to meet many of the information demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

Pesticide program is a network of regularly sampled water-quality stations where samples are collected to determine the concentration and distribution of pesticides in streams where potential contamination could result from the application of the commonly used insecticides and herbicides. Operation of the network is a Federal interagency activity.

Radiochemical program is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

Tritium network is a network of stations which has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States.

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

The data base collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs (fig. 3). In addition, observation of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the

Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

For a lake or reservoir station, capacity tables giving the contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly change in contents is computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins. Likewise, daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations and for some reservoir stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964 to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revision, the fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figures was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

Under "GAGE" are given the type of gage currently in use; the datum of the present gage referred to National Geodetic Vertical Datum; and a condensed history of the types, locations, and datums of previous gages used during the period of record. National Geodetic Vertical Datum is explained in "DEFINITION OF TERMS."

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow of the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance. In addition, the median of yearly mean discharges is given for stream-gaging stations having 10 or more complete years of record if the median differs from the average by more than 10 percent. Under

"EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with EXTREMES FOR THE CURRENT YEAR; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN") Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the appropriate daily discharges for the calendar and water years.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at crest-stage partial-record stations follow the information for continuous record sites (fig. 5). Annual maximum stage and discharge is listed for each of these stations.

Accuracy of field data and computed results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges are within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Revised records

Previously, if a significant error in published records was discovered, a revision was published in the first report following discovery of the error. This paragraph then served to document for users all the reports in which revisions had been published for the station and the water years to which the revisions applied. However, beginning with the 1983 water year, revisions will no longer be published but appropriate changes will be made in WATSTORE files. All previous revisions are, of course, in WATSTORE, and users are encouraged to obtain all required data from the WATSTORE computer files (see the section, "Access to WATSTORE Data").

Under "Revised Records," a year listed without qualification indicates that daily, monthly, or annual discharges were revised. The qualifications (M), (m), and (P) mean that only the instantaneous maximum, the instantaneous or daily minimum, and flood peaks above the base, respectively, have been revised. A "W" for "WATSTORE" will be shown, replacing the name of the data report in which the revised values would previously have been published, for all revisions made after 1982. For example, the notation for indicating that the 1979 water-year daily values for a particular station in South Carolina have been revised during the 1983 water year would no longer be "WRD SC-83-1: 1979," but W 1983: 1979." If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

Other data available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, discharge measurments, gage-height records, and rating tables is on file in the district office. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

ACCESS TO WATSTORE DATA

The National WATer Data STOrage and REtrieval System (WATSTORE) was established for handling water data collected through the activities of the U.S. Geological Survey and to provide for more effective and efficient means of releasing the data to the public. The system is operated and maintained on the central computer facilities of the Survey at its National Center in Reston, Virginia.

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from each of the Water Resources Division's district offices (see address given on the back of the title page).

General inquiries about WATSTORE may be directed to:

Chief Hydrologist
U.S. Geological Survey
437 National Center
Reston, Virginia 22092

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

Surface water samples for analyses usually are collected at or near gaging stations (fig. 4). The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, biological determination, water temperatures, sediment discharge), period of record and, extremes of pertinent data, and general remarks.

Revisions

If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent updates.

Water analysis

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations listed on a following page.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. Large streams have a small daily temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-head discharges.

At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included.

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

The ground-water level data published in this report is from a basic network of observation wells located across the State (fig. 6). These wells penetrate and receive water from various aquifers and supply the most significant data on the regional ground-water conditions of the State.

Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is provided for local needs (fig. 2).

Each observation well is equiped with a digital tape recorder which automatically punches the depth to water in a well hourly. The recorders are checked periodically and the depth to water verified by tape measurements. Mechanical failures or other causes will interrupt the record or cause false values to be recorded which must be corrected. The blank spaces in the hydrographs are the results of such loss of record.

The hydrographs were plotted using the measurement of the mean value for each day.

Water-level measurements in this report are given in feet with reference to either National Geodetic Vertical Datum (NGVD) or land-surface datum (lsd). National Geodetic Vertical Datum of 1929 is the datum plane on which the national network of precise levels is based; land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above National Geodetic Vertical Datum of 1929 is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description.

Water levels are reported to two significant figures. The accuracy of the measurement depends on the depth to water. The error increases with greater depths so that measurements of water levels one hundred feet or greater probably are not accurate to the degree indicated. However, successive measurements of water levels in a well by means of a recorder to determine net changes in the water level are considered to be that accurate.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

Thirty-seven manuals by the U.S. Geological Survey have been published to date in the series on techniques describing procedures for planning and executing specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) is on surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises. The reports listed below are for sale by the U.S. Geological Survey, Branch of Distribution, 604 South Pickett St., Alexandria, VA 22304 (authorized agent of the Superintendent of Documents, Government Printing Office).

NOTE: When ordering any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations".

1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.

1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.

2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.

2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.

3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.

3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.

3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.

3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.

3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.

3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.

3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.

3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.

3-A9. *Measurement of time of travel and dispersion in streams by dye tracing*, by E. F. Hubbard, F. A. Kilpatrick, L. A. Martens, and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1982. 44 pages.

3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.

3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.

3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.

3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.

3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.

3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.

3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.

4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.

4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.

4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.

4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.

4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.

4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.

5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 pages.

5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.

5-A3. *Methods for analysis of organic substances in water*, by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages.

5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, edited by P. E. Greeson, T. A. Ehlke, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.

5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L. L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.

5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.

7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.

7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.

7-C3. *A model for simulation of flow in singular and interconnected channels*, by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.

8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages

8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

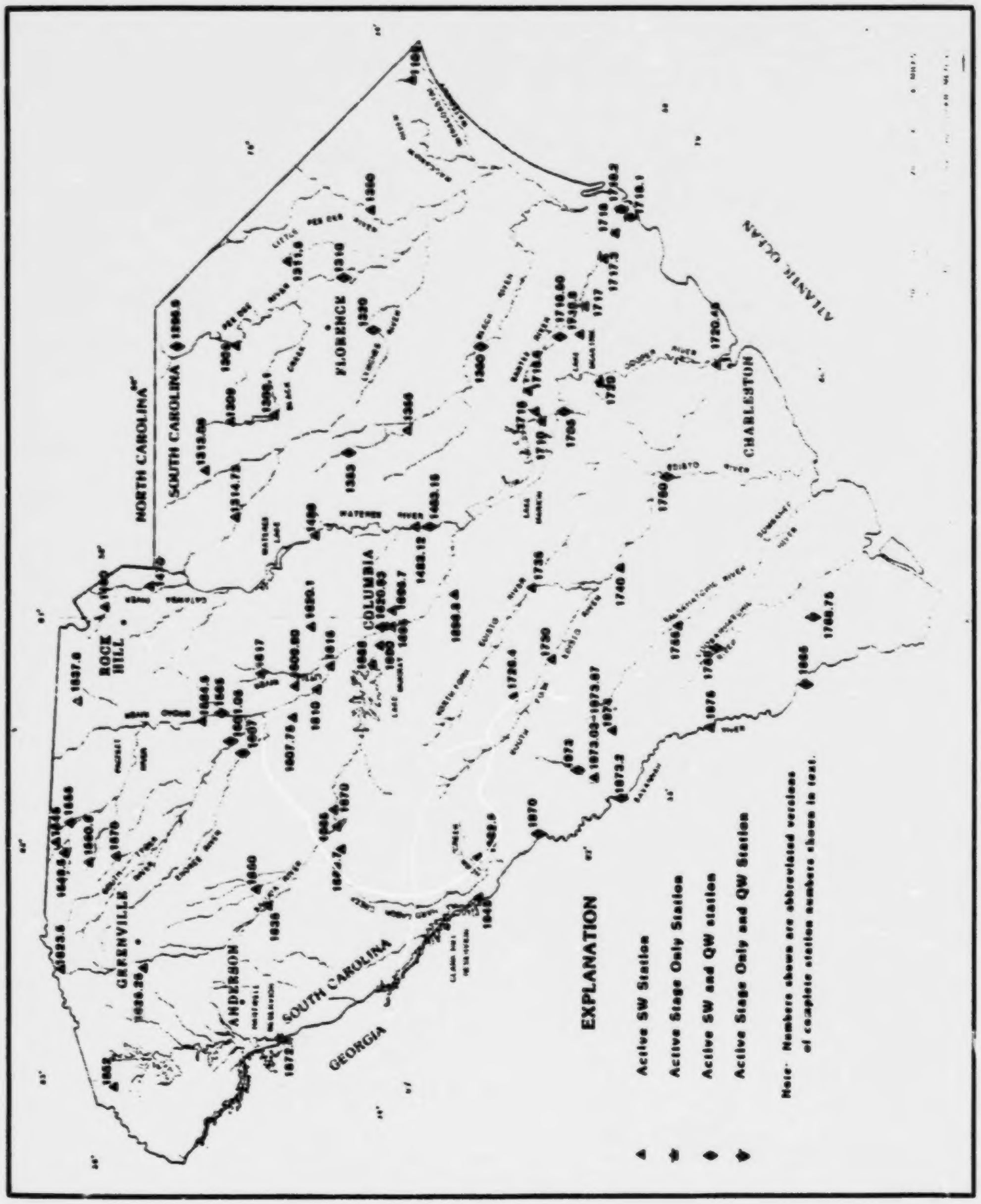
NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
ATLANTIC OCEAN
ROCK HILL
GREENVILLE
ANDERSON
COLUMBIA
FLORENCE
CHARLESTON
EXPLANATION
Active SW Station
Active Stage Only Station
Active SW and QW station
Active Stage Only and QW Station
Note: Numbers shown are abbreviated versions of complete station numbers shown in text.

Figure 3.--Location of streamflow gaging stations, and reservoir or lake gaging stations.

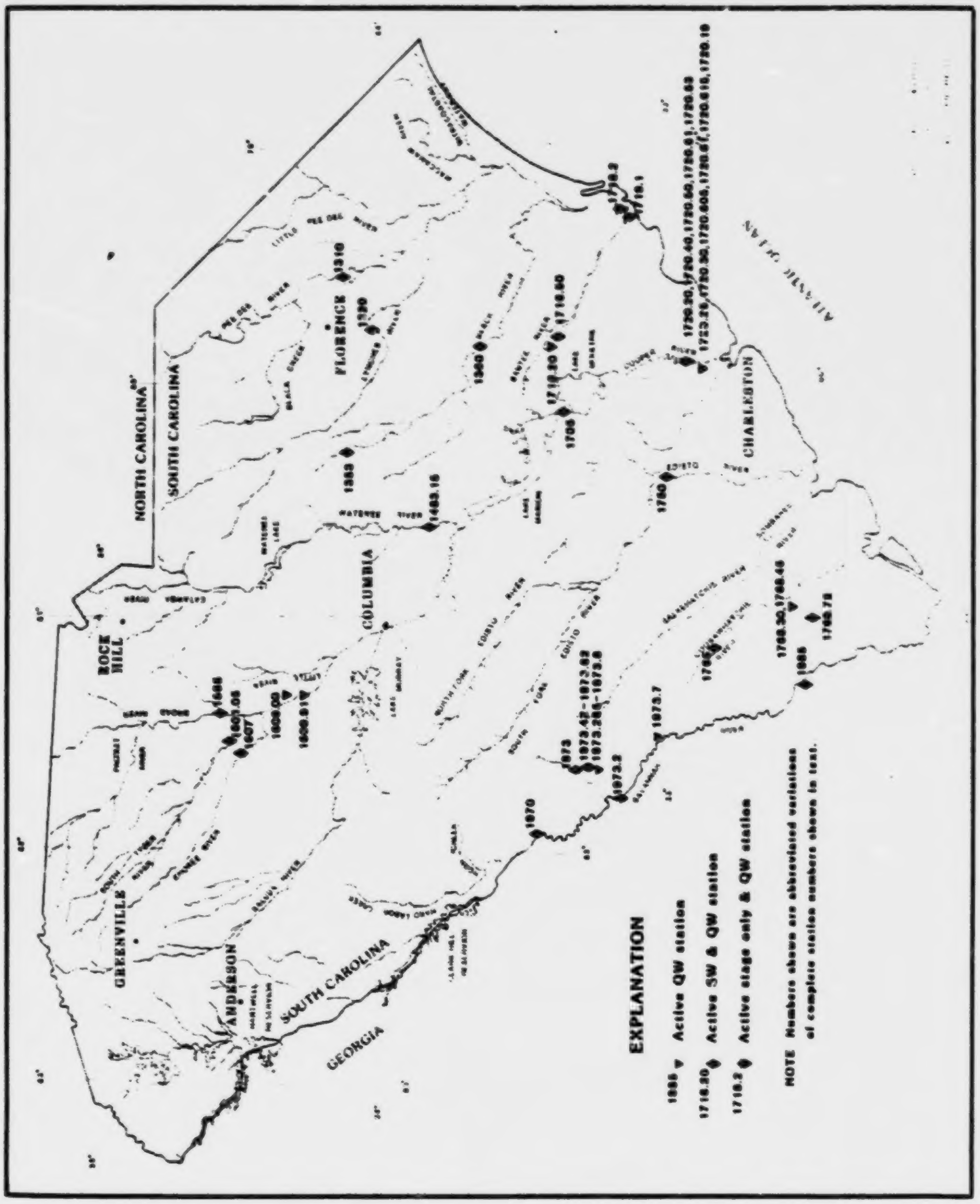
NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
ROCK HILL
GREENVILLE
ANDERSON
COLUMBIA
FLORENCE
CHARLESTON
ATLANTIC OCEAN
EXPLANATION
1985 ▼ Active QW station
1716.50 ◆ Active SW & QW station
1719.2 ◆ Active stage only & QW station
NOTE Numbers shown are abbreviated variations of complete station numbers shown in text.

Figure 4.--Location of water-quality stations.

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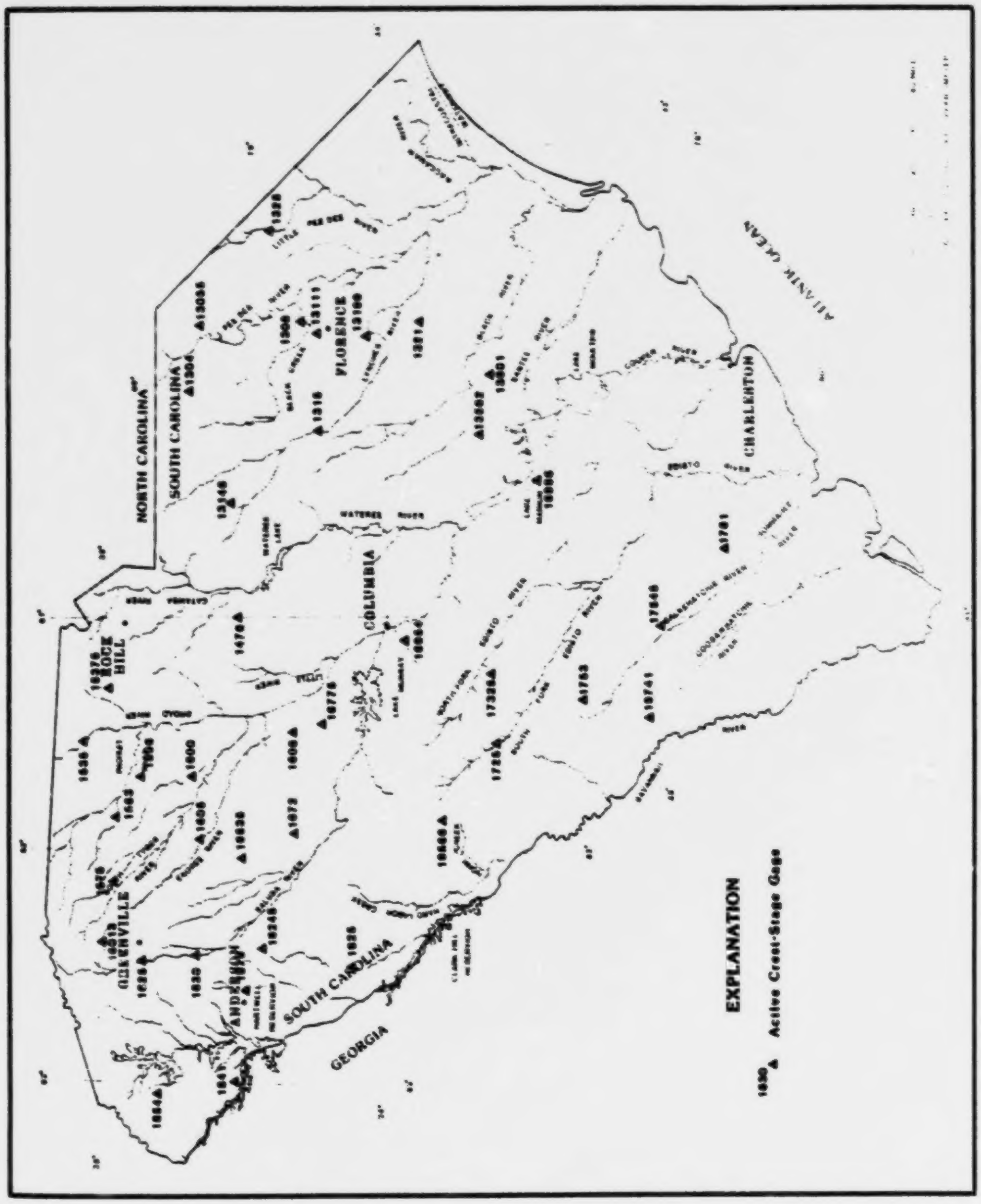
NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
ATLANTIC OCEAN
ROCK HILL
GREENVILLE
ANDERSON
COLUMBIA
FLORENCE
CHARLESTON
LITTLE PEE DEE RIVER
WATEREE RIVER
EDISTO RIVER
SALUDA RIVER
SAVANNAH RIVER
EXPLANATION
Active Crest-Stage Gage

Figure 5.--Location of crest-stage stations.

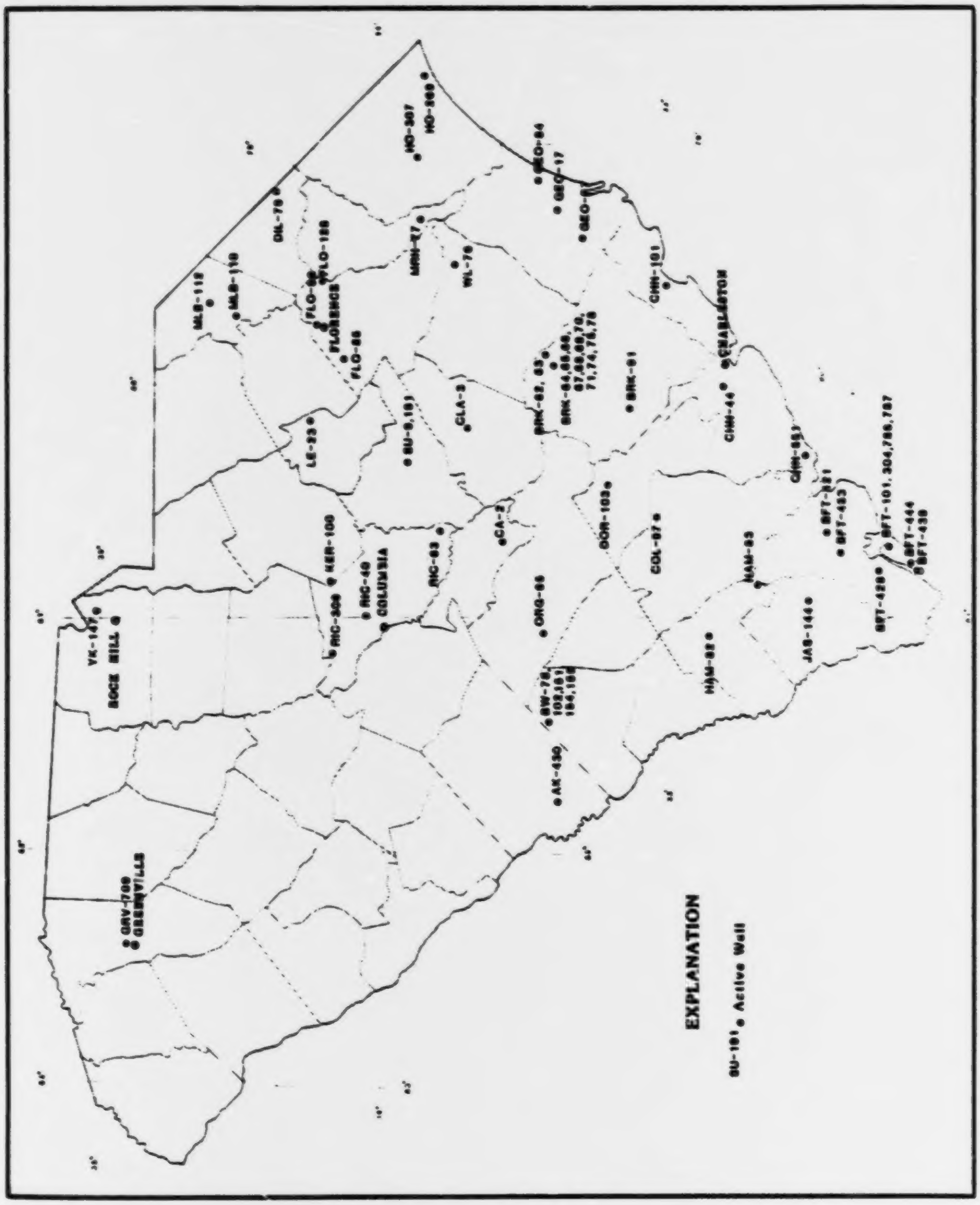
HO-307
HO-309
GEO-64
GEO-17
GEO-
DL-79
FLO-128
MRN-27
WL-78
MLB-112
MLB-110
FLO-86
FLORENCE
FLO-88
CHN-101
CHARLESTON
BRK-62, 63
BRK-64,65,66,
67,68,69,70,
71,74,75,76
BRK-91
CLA-2
SU-9,191
LE-23
CHN-44
CHN-85
BFT-101,304,786,787
BFT-321
BFT-453
BFT-444
BFT-438
BFT-429
DOR-103
COL-87
HAM-63
HAM-92
JAS-144
CA-2
KER-100
RIC-40
COLUMBIA
RIC-63
RIC-306
ORG-66
BW-79,
102,101
184,186
AK-430
YK-147
ROCK HILL
GRV-700
GREENVILLE
EXPLANATION
SU-191 Active Well

Figure 6.--Location of ground-water wells.

SURFACE WATER RECORDS

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

LOCATION.--Lat 33°54'45", long 78°42'55", Horry County, Hydrologic Unit 03040206, near right bank on downstream side of bridge on State Highway 9, 500 ft downstream from Buck Creek, 2.1 mi southeast of Longs, and at mile 85.4.

DRAINAGE AREA.--1,110 mi², approximately.

PERIOD OF RECORD.--March 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 5.28 ft above National Geodetic Vertical datum of 1929 (levels of Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--34 years, 1,237 ft³/s, 15.13 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,200 ft³/s Aug. 23, 1981, gage height, 14.87 ft; minimum, 1.0 ft³/s Oct. 14, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,800 ft³/s Apr. 5, gage height, 11.50 ft; minimum, 2.5 ft³/s Oct. 22, 23, gage height, 0.25 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.6	3.1	9.9	117	784	3610	3650	1590	324	41	481	100
2	7.1	2.9	9.7	119	815	3750	3760	1550	297	73	474	95
3	6.5	2.8	11	120	851	3910	3930	1590	275	107	474	92
4	6.1	3.2	14	122	889	4090	4120	1700	256	78	461	87
5	6.3	3.4	16	122	926	4230	4710	1680	239	71	436	83
6	5.9	3.2	17	122	947	4370	4750	1610	223	70	415	76
7	5.7	3.0	16	121	954	4560	4600	1600	206	65	418	70
8	5.6	3.0	16	120	953	4550	4420	1590	189	68	444	63
9	5.4	5.0	17	118	946	4450	4230	1710	173	63	478	58
10	5.0	10	17	120	934	4320	4130	1760	158	53	516	55
11	5.2	11	18	128	918	4200	4160	1740	143	46	605	61
12	5.4	9.5	28	138	897	4070	4010	1700	130	41	767	70
13	5.2	7.6	51	147	873	4150	3840	1670	117	39	858	355
14	4.7	6.4	48	155	1000	4290	3710	1670	107	38	788	1540
15	4.1	5.8	46	161	1080	4170	3610	1680	97	40	736	2190
16	3.9	5.9	51	167	1080	4000	3540	1630	89	44	679	2400
17	3.8	5.0	54	175	1080	3800	3410	1540	82	42	617	2710
18	3.6	4.6	54	187	1090	3590	3240	1410	76	60	557	2880
19	3.2	4.8	56	241	1110	3400	3050	1290	70	99	501	2940
20	3.0	5.6	59	253	1140	3230	2880	1190	65	115	443	2920
21	2.8	7.1	61	315	1180	3300	2690	1070	62	143	384	2840
22	2.8	6.7	66	335	1210	3220	2500	948	58	177	332	2700
23	5.2	6.6	77	358	1730	3070	2420	832	53	189	288	2540
24	9.6	6.2	79	385	2110	2920	2350	727	51	203	256	2410
25	7.7	8.3	79	419	2130	3050	2180	624	48	206	229	2330
26	6.6	8.6	80	451	2170	3290	2020	535	45	213	200	2330
27	5.7	7.8	82	517	2400	3350	1890	459	44	249	176	2350
28	4.7	9.0	86	621	3200	3520	1790	399	42	284	156	2390
29	4.0	10	105	676	3450	3730	1710	361	42	341	139	2740
30	3.5	9.9	116	719	---	3690	1650	348	43	357	124	2910
31	3.2	---	116	755	---	3640	---	349	---	414	110	---
TOTAL	159.1	186.0	1555.6	8544	38847	117520	98950	38552	3804	4029	13542	44385
MEAN	5.13	6.20	50.2	276	1340	3791	3298	1244	127	130	437	1480
MAX	9.6	11	116	755	3450	4560	4750	1760	324	414	858	2940
MIN	2.8	2.8	9.7	117	784	2920	1650	348	42	38	110	55

CAL YR 1983 TOTAL 670603.3 MEAN 1837 MAX 12100 MIN 2.8
WTR YR 1984 TOTAL 370073.7 MEAN 1011 MAX 4750 MIN 2.8

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°50'34", long 79°00'18", Horry County, Hydrologic Unit 030402065, on right bank at Vereens Marina, 6.5 upstream from the junction of Little River Inlet and at mile 348.2.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to September 1984.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 64,200 microsiemens Sept. 25, 1984; minimum, less than 100 microsiemens many days Mar September, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 64,200 microsiemens Sept. 25; minimum, less than 100 microsiemens many days March to September.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	32600	300	15800	33200	600	14100	25600	300	7700	10000	200	1270
2	28300	200	9400	36000	1400	18500	28200	300	8070	8500	200	1060
3	34200	200	9050	40800	3600	23100	31200	300	8830	7100	100	877
4	40100	300	13800	41500	3900	23500	34100	300	10000	8300	200	984
5	42900	1100	19000	44200	2600	25500	31100	300	9200	2300	200	431
6	43200	2900	22100	38900	1900	20500	35000	200	9660	10100	200	1030
7	48800	5400	30000	37100	400	16700	18500	200	3890	7600	200	939
8	48900	12300	33000	33700	500	15200	23200	300	5980	8200	200	1470
9	42700	4100	24300	33700	400	13800	13700	200	3380	1300	200	400
10	40000	700	18800	26500	300	9990	9000	200	1970	9100	200	1300
11	38500	2200	20000	22700	200	6820	12600	200	2900	3400	200	745
12	33900	500	16700	24600	300	7840	16100	200	4190	8700	200	1180
13	30500	400	15000	26900	500	13300	10700	200	2410	15900	200	4220
14	25800	300	9040	25700	300	11600	18300	200	4190	14500	200	3490
15	25400	300	9730	27000	500	13400	6500	200	1250	19600	200	5070
16	28000	300	11200	18100	200	7040	1800	200	639	18700	200	3930
17	27300	300	11100	24700	300	10300	2700	200	659	18000	200	2900
18	28200	300	11000	29900	900	13600	12200	200	1590	24500	200	3880
19	31800	500	13900	29100	400	11600	8100	200	1020	13900	200	1770
20	32900	3000	18500	35500	300	14500	12200	200	1160	14200	200	1690
21	38400	2300	21900	28900	300	10900	7000	200	864	12100	200	1200
22	42500	6000	26300	35000	300	12400	2100	100	444	1100	200	410
23	46800	8300	29000	35700	400	14000	400	100	232	500	200	243
24	36900	500	16000	39100	700	18100	300	100	224	300	100	194
25	32600	400	10100	30500	400	11100	400	200	273	400	100	195
26	40900	500	18800	33600	500	13900	700	200	329	300	100	213
27	35400	1000	18100	27000	400	13900	300	200	244	300	200	233
28	31700	400	13300	22700	300	10400	500	100	235	400	200	243
29	22900	300	7280	13100	200	4190	400	100	222	300	100	229
30	33700	600	12100	18500	300	6100	1300	200	330	300	100	230
31	27700	600	13500	---	---	---	1500	200	447	300	200	242
MONTH	48900	200	16700	44200	200	13500	35000	100	2990	24500	100	1360

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	300	200	269	300	200	232	300	100	192	200	100	132
2	400	200	267	300	100	224	300	100	188	300	100	152
3	400	200	251	300	100	218	200	100	175	300	100	156
4	400	100	223	300	100	201	200	100	156	300	100	156
5	300	200	243	200	<100	187	200	100	168	300	100	165
6	600	200	276	200	100	181	300	100	158	200	100	132
7	600	200	345	300	100	205	200	100	160	200	100	128
8	800	200	375	300	100	206	200	100	161	300	100	144
9	700	200	334	300	100	213	200	100	153	400	100	179
10	800	200	315	300	200	229	200	100	175	600	100	238
11	500	200	283	300	100	204	200	100	173	600	100	251
12	2600	200	496	300	100	216	200	100	164	700	100	269
13	6400	200	1020	300	100	199	200	100	139	5000	100	449
14	10800	200	1400	300	100	193	200	100	138	14200	<100	1320
15	7800	200	1060	300	100	193	200	100	132	17600	100	2000
16	15300	200	2460	300	100	168	200	100	135	10200	100	898
17	17800	200	2920	300	100	176	200	100	160	8600	100	663
18	13100	200	2020	300	100	189	200	100	155	10600	100	590
19	11500	200	1910	300	100	166	200	100	145	700	100	164
20	5100	200	1020	300	100	180	200	100	150	400	100	149
21	2500	200	754	300	100	188	200	100	141	400	100	167
22	2400	200	509	300	100	185	200	100	150	3800	100	382
23	7400	200	994	200	100	168	200	100	151	1300	100	246
24	300	100	231	200	100	164	200	100	166	7000	100	743
25	300	200	229	200	100	168	200	100	145	6800	100	710
26	300	200	236	300	100	176	200	<100	129	1400	100	411
27	300	200	228	300	100	177	200	100	132	9400	100	1380
28	300	200	223	200	100	158	200	100	124	14800	100	2490
29	300	200	226	200	100	183	300	100	150	16200	100	2370
30	---	---	---	300	100	193	300	100	142	17400	<100	2690
31	---	---	---	300	100	196	---	---	---	27100	100	4560
MONTH	17800	100	728	300	<100	191	300	<100	154	27100	<100	790

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27200	100	6530	32500	200	9190	2600	100	529	24400	<100	7400
2	23000	100	4840	31500	200	9470	900	<100	269	21500	<100	7040
3	24400	200	4770	23000	100	5010	400	<100	235	18600	<100	4830
4	22000	200	3940	10300	200	3130	400	100	238	---	---	---
5	21500	4000	6740	12100	300	4100	1300	<100	204	---	---	---
6	15500	4100	5630	12500	200	3510	700	<100	210	30900	500	13200
7	7700	100	2430	12100	100	3050	1400	<100	172	28800	400	12000
8	7900	100	1160	21600	<100	4190	800	<100	257	26400	300	10500
9	7700	100	1780	19000	200	3820	1200	<100	197	23700	400	9320
10	17800	100	3060	11300	100	1830	1300	<100	295	18400	300	6750
11	17200	100	3490	11700	<100	1910	900	<100	279	16100	300	4240
12	17700	100	4610	11100	<100	1940	700	<100	211	2700	200	748
13	24500	400	6180	14400	100	2600	500	<100	105	2000	<100	414
14	17700	1000	5800	10900	100	2870	800	<100	82	900	<100	326
15	16100	1000	5120	8700	<100	2530	900	<100	94	600	200	325
16	---	---	---	4600	<100	943	1300	<100	220	400	200	350
17	---	---	---	3100	<100	539	1700	<100	55	800	<100	361
18	6500	100	1720	---	---	---	---	---	---	45500	<100	5480
19	18600	100	5710	---	---	---	---	---	---	42400	<100	4730
20	22800	200	9320	---	---	---	9600	<100	1510	34300	<100	3670
21	21600	200	9950	---	---	---	14000	<100	3130	24600	<100	4050
22	24600	200	10300	---	---	---	7500	200	1390	21400	<100	5530
23	15700	100	5930	---	---	---	10000	100	1500	24600	<100	7850
24	14700	100	4070	9600	200	1910	14300	200	2380	63800	<100	10700
25	19000	100	3850	11500	200	2010	25400	200	5730	64200	<100	10300
26	23800	100	5300	11400	<100	2130	30200	200	7330	44200	200	9140
27	23400	100	5750	14100	200	2150	31700	400	11800	63200	<100	14900
28	26800	100	6350	18400	<100	2800	24500	300	10700	50500	<100	11400
29	33500	100		14100	200	2150	31700	400	11800	63200	<100	14900
30	32900	200	8680	11300	200	2210	16400	200	4850	32700	<100	5330
31	---	---	---	6100	200	1220	18300	200	5300	---	---	---
MONTH	33500	100	5380	32500	<100	3100	31700	<100	2270	64200	<100	6340
YEAR	64200	<100	4480									

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°47'54", long 78°45'12", Horry County, Hydrologic Unit 03040206, on right bank 100 ft upstream from Briarcliffe Marina, 12.3 mi upstream from the junction of Little River Inlet and at mile 354.1.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to September 1984.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 9930 microsiemens Oct. 7, 1983; minimum, 70 microsiemens Dec. 24-26, 1983, May 17, 19-21 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 9930 microsiemens Oct. 7; minimum, 70 microsiemens Dec. 24-26, May 17, 19-21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	370	100	172	580	150	213	200	100	157	110	90	100
2	390	130	157	1330	100	336	290	140	161	110	90	99
3	600	130	190	5260	170	694	380	140	170	110	80	95
4	640	100	205	6220	100	767	530	140	180	100	80	93
5	1310	150	327	9910	100	1230	410	140	173	110	80	94
6	2130	160	548	1900	180	409	640	130	187	110	90	97
7	9930	100	1390	1530	100	298	160	110	139	110	80	97
8	8540	190	2340	510	100	227	160	120	134	120	90	104
9	2230	110	618	440	100	210	150	110	134	130	100	114
10	660	200	270	200	100	166	150	120	132	120	100	105
11	540	200	268	170	140	150	150	110	133	120	90	105
12	540	210	287	270	110	159	140	120	131	130	100	115
13	520	200	283	200	130	154	140	120	128	120	100	110
14	360	170	210	400	130	192	140	110	128	120	100	113
15	230	100	185	180	140	160	130	100	117	130	100	115
16	220	150	177	390	140	165	120	100	109	120	100	109
17	320	100	179	210	150	172	120	100	110	110	100	103
18	440	100	193	370	150	193	120	100	110	120	90	107
19	230	160	186	240	150	179	120	100	105	110	90	99
20	720	100	253	1130	160	250	110	80	93	110	90	100
21	1620	180	352	250	100	177	100	80	90	110	90	98
22	3590	190	650	1080	150	251	100	80	89	---	---	---
23	7010	210	952	1390	100	295	100	80	89	---	---	---
24	520	200	268	3810	160	511	170	70	82	---	---	---
25	480	180	229	400	100	195	90	70	75	---	---	---
26	2710	170	435	930	100	234	90	70	83	---	---	---
27	450	100	240	270	180	201	100	80	91	---	---	---
28	250	150	185	220	100	191	100	80	94	---	---	---
29	220	140	170	190	140	168	100	90	96	---	---	---
30	750	150	219	180	140	159	100	80	93	---	---	---
31	290	150	192	---	---	---	110	90	98	---	---	---
MONTH	9930	100	398	9910	100	290	640	70	120	130	80	103

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	120	100	102	110	90	96	210	120	160
2	---	---	---	110	100	103	110	80	97	180	100	126
3	---	---	---	120	90	105	120	90	97	110	80	90
4	---	---	---	120	100	108	110	90	95	140	90	98
5	---	---	---	110	100	107	120	80	98	100	80	89
6	---	---	---	110	90	101	110	80	95	90	80	85
7	---	---	---	110	90	96	110	80	88	90	80	84
8	---	---	---	110	90	97	90	80	86	100	80	88
9	---	---	---	110	90	98	100	80	91	90	80	85
10	---	---	---	110	90	101	100	80	90	100	80	91
11	---	---	---	120	100	105	120	90	103	100	80	87
12	---	---	---	120	100	109	140	100	126	100	80	87
13	---	---	---	120	100	113	160	140	147	100	80	88
14	240	110	191	130	110	120	170	140	157	100	80	89
15	200	100	179	140	100	123	170	150	162	110	80	92
16	190	150	171	150	120	136	170	150	158	100	80	91
17	170	140	160	150	110	134	---	---	---	100	70	84
18	170	140	160	140	110	135	---	---	---	260	80	119
19	180	100	171	160	140	148	---	---	---	350	70	124
20	190	100	177	170	150	162	510	200	249	90	70	83
21	190	100	172	190	100	173	260	160	207	100	70	85
22	180	100	165	190	80	107	180	150	169	90	80	87
23	180	100	167	110	90	94	790	160	279	90	80	85
24	180	140	166	110	90	99	160	90	131	100	80	88
25	150	110	133	110	90	101	220	80	143	110	80	92
26	170	110	139	120	100	105	200	90	133	100	80	91
27	140	110	121	110	100	106	210	90	146	110	80	96
28	130	100	118	120	100	110	240	110	163	120	90	103
29	130	100	119	120	100	108	210	120	154	120	100	115
30	---	---	---	130	90	101	280	120	168	120	90	106
31	---	---	---	110	80	94	---	---	---	130	90	108
MONTH	240	100	157	190	80	113	790	80	139	350	70	97

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	310	110	127	640	120	174	330	90	149	350	100	142
2	190	100	124	710	140	216	250	90	108	230	110	130
3	150	100	121	230	170	203	310	90	138	180	100	120
4	140	100	117	240	120	192	450	100	161	260	100	124
5	140	100	114	410	130	206	300	100	133	490	100	150
6	470	100	184	1620	200	967	240	100	106	650	110	175
7	120	90	105	2170	1400	1690	240	90	105	380	110	150
8	120	90	108	2350	130	1090	360	90	123	210	120	137
9	130	100	118	410	110	148	410	90	158	150	120	133
10	120	100	113	350	100	154	110	80	96	150	100	124
11	220	100	112	180	100	146	420	80	125	130	100	112
12	130	100	109	160	130	147	90	80	86	120	100	107
13	130	100	110	210	100	156	90	80	83	240	110	160
14	130	100	113	220	150	166	120	80	95	130	100	113
15	350	90	127	220	100	169	100	80	92	130	100	116
16	130	90	106	190	130	160	430	90	114	130	110	117
17	130	90	107	160	110	134	110	90	98	140	100	116
18	120	90	109	150	100	117	120	90	101	130	110	117
19	140	100	114	120	90	107	110	90	96	130	100	112
20	160	100	126	130	100	110	110	90	99	120	100	107
21	160	110	125	130	100	110	140	90	104	130	100	109
22	150	110	124	140	100	117	390	120	148	170	100	119
23	140	110	120	230	100	117	360	90	155	220	100	126
24	130	100	115	120	100	108	120	90	98	220	110	133
25	170	100	110	150	110	131	230	90	114	200	110	134
26	310	100	151	150	90	114	370	90	127	210	110	135
27	300	100	131	130	90	103	470	100	138	440	100	154
28	310	110	153	120	90	101	360	100	132	270	100	138
30	600	110	171	140	100	123	360	100	125	140	90	109
31	---	---	---	360	90	164	180	100	124	---	---	---
MONTH	620	90	124	2350	90	250	480	80	118	650	90	128
YEAR	9930	70	172									

BEST COPY AVAILABLE

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

LOCATION.--Lat 33°38'56", long 79°05'40", Horry County, Hydrologic Unit 03040206, on right bank at Bucksport Plantation Marina 1.0 mi southwest of Bucksport, 3.9 mi upstream from Bull Creek and at mile 377.4.

PERIOD OF RECORD.--October 1983 to September 1984.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 140 microsiemens Feb. 16, 17, 18, 1984; minimum, 40 microsiemens Dec. 7, 1983, and many days in April, July-September, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 140 microsiemens Feb. 16, 17, 18; minimum, 40 microsiemens Dec. 7, and many days in April. July-September.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	110	100	108	---	---	---	70	60	68
2	---	---	---	110	100	107	---	---	---	70	60	67
3	---	---	---	110	100	108	---	---	---	70	60	67
4	---	---	---	110	100	108	---	---	---	70	60	66
5	---	---	---	---	---	---	120	100	105	70	60	67
6	---	---	---	---	---	---	100	90	96	70	60	68
7	---	---	---	---	---	---	100	40	91	70	60	69
8	---	---	---	---	---	---	100	80	91	70	60	69
9	---	---	---	---	---	---	90	80	86	70	60	69
10	---	---	---	---	---	---	90	80	85	80	60	69
11	---	---	---	---	---	---	90	80	82	70	60	68
12	---	---	---	---	---	---	80	70	78	70	60	68
13	110	100	104	---	---	---	80	70	76	70	60	68
14	110	90	101	---	---	---	80	70	73	70	60	68
15	110	90	100	---	---	---	80	60	71	70	60	68
16	110	90	102	---	---	---	70	60	69	70	60	66
17	110	100	103	---	---	---	70	60	68	70	60	65
18	110	100	106	---	---	---	70	60	67	70	60	65
19	110	100	106	---	---	---	70	60	65	70	60	64
20	110	100	107	---	---	---	70	60	66	70	60	65
21	110	100	107	---	---	---	70	60	67	70	60	66
22	110	100	108	---	---	---	70	60	66	70	60	63
23	110	100	109	---	---	---	70	60	66	70	60	64
24	110	100	105	---	---	---	70	60	66	70	60	62
25	110	100	103	---	---	---	70	60	66	70	60	62
26	110	100	104	---	---	---	70	60	67	70	60	62
27	110	100	105	---	---	---	70	60	66	70	60	62
28	110	100	105	---	---	---	70	60	67	70	50	61
29	110	100	104	---	---	---	70	60	67	60	50	59
30	110	100	102	---	---	---	70	60	67	60	50	59
31	120	100	108	---	---	---	70	60	67	60	50	58
MONTH	120	90	105	110	100	108	120	40	74	80	50	65

AVAILABLE

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	70	50	59	80	60	65	70	60	66	60	50	56
2	60	50	60	80	60	71	70	60	66	60	50	55
3	70	50	60	80	70	74	70	60	65	60	50	56
4	70	50	61	80	50	68	70	60	65	60	50	56
5	70	60	63	70	50	58	70	60	64	60	50	55
6	120	60	68	60	50	56	70	50	61	60	50	55
7	120	60	87	60	50	54	60	50	59	60	50	57
8	100	70	82	60	50	53	60	50	59	60	50	58
9	90	70	79	60	50	53	60	50	57	60	50	57
10	100	70	85	60	50	55	60	40	51	60	50	56
11	110	70	88	60	50	57	50	40	48	60	50	57
12	110	80	90	60	50	57	50	40	47	60	50	56
13	110	80	89	60	50	58	50	40	48	60	50	57
14	100	80	88	70	50	61	60	40	51	60	50	57
15	130	80	101	70	50	65	60	50	53	60	50	56
16	140	80	109	80	60	68	60	50	54	60	50	55
17	140	90	108	80	60	72	60	50	53	60	50	55
18	140	90	109	80	70	74	60	50	52	60	50	55
19	130	90	108	80	70	73	60	50	53	60	50	55
20	120	90	105	80	70	74	60	50	54	60	50	54
21	120	90	103	80	70	74	60	50	54	60	50	54
22	110	80	92	80	70	71	60	50	54	60	50	54
23	100	60	77	80	70	72	60	50	53	60	50	56
24	90	70	77	80	70	73	60	50	53	60	50	56
25	90	80	84	80	70	73	60	50	52	60	50	57
26	100	70	84	80	70	71	60	50	53	60	50	56
27	100	60	78	80	70	71	60	50	55	60	50	57
28	70	50	60	80	60	69	60	50	54	60	50	59
29	70	60	62	70	60	67	60	50	56	70	50	60
30	---	---	---	70	60	66	60	50	56	70	50	59
31	---	---	---	70	60	66	---	---	---	60	50	58
MONTH	140	50	83	80	50	66	70	40	56	70	50	56

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	70	50	60	80	70	70	50	40	45	60	50	54
2	70	60	61	80	60	70	60	40	49	60	50	54
3	70	60	61	70	60	67	60	40	52	60	50	55
4	70	60	62	70	60	67	60	50	54	60	50	55
5	70	60	60	70	60	68	60	40	51	70	50	56
6	70	50	60	70	60	68	60	40	49	60	50	56
7	60	50	59	70	60	68	50	40	47	60	50	55
8	60	50	58	70	60	66	50	40	45	60	50	56
9	60	50	59	80	60	70	50	40	44	60	50	54
10	60	50	59	80	70	71	50	40	43	60	50	56
11	60	50	60	80	70	71	50	40	42	60	50	55
12	60	50	59	80	70	71	50	40	43	60	50	54
13	60	50	59	70	60	69	50	40	43	60	50	54
14	70	50	60	70	60	67	50	40	44	60	50	53
15	70	60	61	70	60	66	50	40	48	60	50	54
16	70	60	63	70	60	64	50	40	48	60	50	55
17	70	60	63	70	60	64	50	40	49	60	50	56
18	70	60	65	70	60	64	50	40	49	70	50	59
19	70	60	66	70	50	61	60	40	50	70	60	63
20	70	60	67	60	50	52	60	50	52	70	50	61
21	70	60	68	60	50	51	60	50	52	60	50	55
22	70	60	68	60	50	51	60	50	52	60	50	51
23	70	60	68	60	40	52	60	50	52	60	40	50
24	70	60	67	60	50	50	60	50	53	60	50	51
25	70	60	65	50	40	49	60	50	52	60	50	51
26	70	60	67	50	40	48	60	50	51	60	50	51
27	70	60	68	60	40	46	60	50	51	60	50	52
28	80	60	69	60	40	51	60	50	51	60	50	53
30-	70	60	70	60	40	49	60	50	52	60	50	51
31	---	---	---	50	40	47	60	50	54	---	---	---
MONTH	80	50	63	80	40	61	60	40	49	70	40	54
YEAR	140	40	65									

BEST COPY AVAILABLE

02129590 WHITES CREEK NEAR WALLACE, SC

LOCATION.--Lat 34°45'20", long 79°53'00", Marlboro County, Hydrologic Unit 03040201, on the upstream of the U.S. Highway 1 bridge, 100 ft downstream from lake spillway, and 3.0 miles northwest of Wallace.

DRAINAGE AREA.--26.4 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 100 ft (from topographic map).

REMARKS.-- Records fair.

AVERAGE DISCHARGE.--5 years, 32.0 ft³/s, 16.48 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 608 ft³/s Mar. 18, 1983, gage height, 6.45 ft; minimum, 0.04 ft³/s Oct. 20, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 510 ft³/s June 28, gage height, 5.80 ft; minimum, 0.04 ft³/s Oct. 21, gage height, 0.90 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.3	12	21	43	28	92	70	28	115	74	45	7.0
2	7.2	12	20	35	27	61	55	27	59	60	59	6.9
3	7.4	11	30	32	27	48	49	36	37	46	63	6.9
4	7.5	13	53	31	30	42	52	57	26	36	39	6.9
5	6.9	16	66	29	30	40	87	71	21	29	27	6.9
6	5.8	15	132	28	30	44	100	60	18	23	20	6.9
7	6.6	17	144	27	30	52	83	49	16	23	15	6.9
8	5.3	18	140	26	27	57	58	39	14	26	13	6.6
9	2.6	16	89	25	25	55	47	35	13	23	11	6.6
10	2.1	17	55	40	24	44	66	32	12	17	10	6.6
11	1.8	15	41	126	23	37	95	29	11	15	9.9	6.4
12	1.7	14	104	174	23	33	100	25	10	12	10	6.6
13	1.6	14	140	119	25	47	72	21	9.6	11	14	6.7
14	1.9	13	133	71	75	70	54	19	9.0	13	18	6.7
15	2.9	19	83	52	121	80	47	16	9.5	24	17	6.9
16	1.5	28	56	44	116	62	45	15	28	51	14	6.9
17	1.0	29	44	40	70	44	46	14	95	133	12	6.9
18	.50	34	39	41	46	36	41	13	130	223	9.3	6.8
19	.20	32	39	68	37	33	36	13	76	169	8.6	6.9
20	.05	27	36	85	33	34	36	12	44	104	8.3	6.9
21	.20	29	35	85	30	65	39	12	51	71	8.4	6.9
22	.72	23	49	59	28	73	44	12	37	59	8.0	6.9
23	1.0	23	53	44	55	70	71	12	41	46	8.2	6.9
24	1.5	24	55	40	85	50	87	16	33	35	11	6.8
25	16	32	48	41	98	55	79	17	23	29	11	6.9
26	49	30	35	40	70	68	54	20	17	25	9.6	6.9
27	41	31	29	40	68	83	40	21	14	22	9.3	6.8
28	23	34	34	39	119	96	34	19	110	21	8.6	6.9
29	16	29	47	35	137	165	30	51	177	26	7.9	6.7
30	14	23	55	33	---	173	28	159	86	29	7.5	6.9
31	14	---	55	31	---	106	---	225	---	36	7.4	---
TOTAL	248.27	650	1960	1623	1537	2015	1745	1175	1342.1	1511	520.5	203.1
MEAN	8.01	21.7	63.2	52.4	53.0	65.0	58.2	37.9	44.7	48.7	16.8	6.77
MAX	49	34	144	174	137	173	100	225	177	223	63	7.0
MIN	.05	11	20	25	23	33	28	12	9.0	11	7.4	6.4

CAL YR 1983	TOTAL	14355.37	MEAN	39.3	MAX	459	MIN	.05
WTR YR 1984	TOTAL	14529.97	MEAN	39.7	MAX	225	MIN	.05

02130900 BLACK CREEK NEAR MCBEE, SC

LOCATION.--Lat 34°30'50", long 80°11'00", Chesterfield County, Hydrologic Unit 03040201, near right bank at downstream side of bridge on U.S. Highway 1, 0.2 mi upstream from Little Alligator Creek, 5.3 mi northeast of McBee, and at mile 59.1.

DRAINAGE AREA.--108 mi^2.

PERIOD OF RECORD.--October 1959 to current year. Occasional low-flow measurements, water years 1956-59.

GAGE.--Water-stage recorder. Datum of gage is 224.72 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 22, 1959, nonrecording gage at same site and datum.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--25 years, 165 ft^3/s, 20.75 in/yr. (24 years, 164 ft^3/s, 20.62 in/yr Revised)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,770 ft^3/s July 16, 1975, gage height, 11.29 ft; minimum 17 ft^3/s June 29, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 31	0500	563	9.21	No other peak greater than base discharge.			

Minimum discharge 32 ft^3/s Oct. 7, 8; minimum gage height 3.98 ft Oct. 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	47	100	192	159	337	417	176	326	161	246	63
2	37	46	90	171	154	331	324	179	239	176	217	58
3	37	46	110	154	151	283	271	204	149	168	206	55
4	36	50	150	149	157	235	256	261	119	161	207	53
5	36	66	250	146	162	210	307	304	103	113	195	53
6	37	71	500	142	169	204	316	334	93	117	141	53
7	33	68	350	139	180	225	358	328	88	139	103	52
8	33	63	312	135	177	241	342	273	84	157	86	50
9	37	55	345	131	163	253	295	235	77	123	78	49
10	35	59	342	153	154	258	282	267	69	85	97	51
11	35	60	285	264	149	232	275	253	64	85	247	58
12	36	59	322	290	145	201	272	191	62	68	135	62
13	40	56	320	372	149	212	287	164	60	67	146	61
14	44	54	340	401	296	237	272	149	65	108	123	58
15	42	79	416	315	349	240	247	142	66	169	124	54
16	40	129	334	252	476	277	226	133	70	200	119	73
17	39	131	264	211	475	273	219	123	131	191	99	118
18	38	131	215	193	349	231	230	109	167	272	92	35
19	38	108	192	225	278	201	220	104	148	279	114	69
20	37	85	175	239	230	183	209	101	102	312	126	63
21	38	80	165	254	203	184	205	95	79	296	115	59
22	39	70	179	305	187	185	217	90	74	216	96	55
23	60	90	191	289	218	198	265	89	73	173	78	53
24	173	120	195	240	251	260	286	145	73	147	112	51
25	156	180	208	216	255	296	302	165	72	131	98	51
26	133	150	213	201	292	265	327	192	67	152	85	50
27	94	110	195	196	302	228	292	217	59	133	76	48
28	66	130	161	192	314	286	239	157	53	136	71	48
29	56	150	177	182	300	362	200	284	53	223	68	52
30	51	120	187	174	---	429	180	355	91	231	66	58
31	49	---	191	167	---	544	---	346	---	242	66	---
TOTAL	1662	2663	7474	6690	6844	8101	8138	6165	2976	5251	3882	1768
MEAN	53.6	88.8	241	216	236	261	271	199	99.2	169	125	58.9
MAX	173	180	500	401	476	544	417	355	326	312	247	118
MIN	33	46	90	131	145	183	180	89	53	67	66	48

CAL YR 1983 TOTAL 54521 MEAN 149 MAX 996 MIN 26
WTR YR 1984 TOTAL 61614 MEAN 168 MAX 544 MIN 33

02130910 BLACK CREEK NEAR HARTSVILLE, SC

LOCATION.--Lat 34°23'50", long 80°09'00", Darlington County, Hydrologic Unit 03040201, at downstream side of bridge on State road 23, 1,000 ft downstream from dam at H. B. Robinson steam electric plant, 2.1 mi upstream from Beaverdam Creek, 4.6 mi west of Hartsville, and at mile 49.9.

DRAINAGE AREA.--173 mi^2.

PERIOD OR RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder. Datum of gage is 177.48 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Some regulation by storage in steam electric plant reservoir above station.

AVERAGE DISCHARGE.--24 years, 234 ft^3/s, 18.37 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,010 ft^3/s, Aug. 18, 1971, gage height, 10.08 ft; minimum, 32 ft^3/s July 2, 3, 1981, gage height, 1.22 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 741 ft^3/s Dec. 7, gage height, 7.86 ft; minimum, 84 ft^3/s Oct. 7, gage height, 3.04 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	124	200	239	260	427	552	280	432	139	300	122
2	88	119	190	236	218	427	533	252	361	171	329	117
3	87	114	214	233	203	423	499	239	284	180	352	112
4	87	116	242	226	208	401	470	257	192	190	309	110
5	86	119	250	222	210	342	471	298	158	196	258	107
6	88	118	488	216	211	325	453	309	154	215	247	103
7	86	120	703	213	214	332	444	375	150	221	228	100
8	84	123	607	206	214	320	446	404	145	221	206	98
9	85	125	433	202	215	322	427	383	140	212	188	97
10	86	131	290	220	211	316	465	308	134	197	181	97
11	85	130	297	280	139	312	444	275	128	182	191	99
12	84	128	530	330	150	270	420	270	122	167	209	102
13	85	123	567	337	235	271	399	218	108	158	210	105
14	89	126	438	391	418	285	364	179	106	156	203	97
15	88	144	433	415	476	289	361	174	105	164	195	98
16	88	164	444	401	494	296	331	169	108	185	186	101
17	88	170	432	378	515	310	292	162	122	221	178	101
18	88	171	405	318	521	324	260	156	130	261	166	105
19	88	169	376	332	495	350	240	151	140	357	165	106
20	89	171	343	324	422	332	248	147	145	363	169	104
21	87	179	316	318	388	326	252	144	146	375	165	104
22	86	178	302	317	349	267	256	140	146	376	160	105
23	97	178	288	330	371	247	280	140	140	351	154	104
24	136	184	259	335	361	248	290	152	136	333	157	101
25	157	208	208	337	346	309	295	156	135	247	158	100
26	163	204	206	322	341	343	305	158	129	257	153	100
27	163	203	238	287	395	339	317	168	121	248	147	100
28	152	207	240	313	447	387	318	186	120	242	139	97
29	145	211	253	294	441	490	307	338	122	270	134	101
30	139	205	252	281	---	505	288	568	129	288	129	98
31	130	---	243	274	---	532	---	528	---	292	127	---
TOTAL	3193	4662	10687	9127	9468	10667	11027	7684	4688	7435	6093	3091
MEAN	103	155	345	294	326	344	368	248	156	240	197	103
MAX	163	211	703	415	521	532	552	568	432	376	352	122
MIN	84	114	190	202	139	247	240	140	105	139	127	97

CAL YR 1983	TOTAL	83458	MEAN	229	MAX	984	MIN	58
WTR YR 1984	TOTAL	87822	MEAN	240	MAX	703	MIN	84

02131000 PEE DEE RIVER AT PEEDEE, SC
(National stream-quality accounting network station)
(Radiochemical program station)

LOCATION.--Lat 34°12'15", long 79°32'55", Marion County, Hydrologic Unit 03040201, at downstream side of downstream bridge on U.S. Highway 76 at Peedee, 0.2 mi downstream from Seaboard Coast Line Railroad bridge, 8.2 mi downstream from Black Creek, and at mile 100.2.

DRAINAGE AREA.--8,830 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303. Prior to October 1947, published as "near Mars Bluff." Gage-height records collected at practically same site since 1923 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 24.73 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1947, at site 1.6 mi downstream at datum 1.27 ft lower.

REMARKS.--Records fair. Flow regulated by six powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 ft^3.

AVERAGE DISCHARGE.--46 years, 9,926 ft^3/s, 15.27 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 220,000 ft^3/s Sept. 22, 1945, gage height, 33.30 ft (site and datum then in use) from rating curve extended above 76,000 ft^3/s on basis of discharge measurement of 221,000 ft^3/s at Cheraw; minimum, 629 ft^3/s June 26, 1984, gage height, 0.37 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 65,200 ft^3/s Apr. 4, gage height, 26.55 ft; minimum, 629 ft^3/s June 26, gage height, 0.37 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5070	1550	6890	16400	16400	35500	37900	18000	20000	8870	21500	6750
2	4360	3290	7690	16200	15600	36800	47400	17000	22000	6410	22900	6040
3	2900	3150	8300	15300	15300	37700	57600	16500	24300	7610	23500	3790
4	2200	3630	9370	14600	14800	37400	63500	16600	24900	10100	23200	2920
5	2500	5860	11100	13900	13600	35200	60800	17000	23200	10400	22300	2950
6	2700	5470	14300	12800	12500	31800	51400	17100	20100	9330	20900	6170
7	2840	2640	17300	11200	11700	29400	44300	16900	17000	8950	19100	8090
8	2950	1740	20400	10000	11400	28900	38700	16900	14200	9510	16700	8030
9	3480	3470	22000	8880	9900	29900	32500	18000	12300	9570	14800	6490
10	2700	2960	24400	7900	7440	31900	27500	20400	10600	8080	13500	3770
11	2000	2050	27100	10300	7910	33700	24500	22200	9210	8630	12900	3390
12	2500	2640	28900	17300	8920	34100	24700	22900	7530	9280	12500	7310
13	3490	3340	29100	20800	9000	32600	26400	21800	6290	9520	10500	9740
14	3920	2280	29100	23200	10300	29900	28900	19800	6060	9870	9440	10300
15	3840	2490	30100	26600	16300	27900	31500	18000	6890	9680	9790	9220
16	3480	5410	31100	29700	20600	26700	32900	16600	8600	9060	10900	7120
17	2500	6970	30700	31800	23100	25700	32400	15400	8210	6920	12000	4250
18	1400	5940	28600	31200	26600	24200	30200	14300	4810	13000	12100	3030
19	2890	4470	26100	28800	30100	22600	27500	13300	5750	18100	11500	2900
20	3430	3250	23200	26900	32700	21100	24700	12500	10100	20200	11100	3850
21	3830	2250	20900	26900	32700	20300	22300	10700	11100	22100	10700	3140
22	4300	2310	18900	28000	30300	20100	20600	6660	12700	24300	9710	2660
23	4050	2500	17600	29200	27500	20400	19800	6120	14400	24800	8190	3660
24	2340	3480	17900	29100	25200	20400	19900	5670	12100	23300	6490	3000
25	4170	4610	18500	27500	24800	20300	20800	7330	4780	20800	5260	2560
26	6230	6710	18500	25300	26000	20400	21700	8710	1220	18300	4470	5440
27	4350	8020	17600	23100	28300	20800	22100	8610	4620	16700	3650	6510
28	3520	8890	16000	21600	31200	21200	21500	7670	5570	15800	2670	5500
29	2600	9160	15300	20200	33700	21800	20500	6220	6750	16300	3790	4900
30	1590	7010	15400	18900	---	24700	19200	9820	8870	17400	5730	4020
31	1420	---	15900	17500	---	29800	---	16800	---	19500	6590	---
TOTAL	99550	127540	618250	641080	573870	853200	953700	445510	344160	422390	378380	157900
MEAN	3211	4251	19940	20680	19790	27520	31790	14370	11470	13630	12210	5263
MAX	6230	9160	31100	31800	33700	37700	63500	22900	24900	24800	23500	10300
MIN	1400	1550	6890	7900	7440	20100	19200	5670	1220	6410	2670	2560

CAL YR 1983 TOTAL 4561120 MEAN 12500 MAX 45800 MIN 1400
WTR YR 1984 TOTAL 5615530 MEAN 15340 MAX 63500 MIN 1220

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1948 to September 1949, October 1961 to August 1974, October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAMFLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)
NOV 15...	1630	2920	98	6.7	14.0	7.0	754	9.2	90	200	300	19
JAN 18...	1600	31000	59	6.3	6.0	45	760	9.7	78	>300	500	17
MAR 27...	0900	20700	64	5.9	14.0	55	759	8.8	86	150	200	17
MAY 22...	1345	6100	70	5.8	23.0	21	766	6.7	78	84	680	18
JUL 16...	1710	8480	66	5.9	27.5	37	760	6.4	81	—	240	18
SEP 18...	0845	3070	78	6.1	22.0	8.2	769	7.7	87	120	K10	17

DATE	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
NOV 15...	0	4.2	2.0	12	55	1	2.2	26	10	8.2	.20	9.7
JAN 18...	4	3.7	1.8	5.4	38	.6	1.8	13	10	6.3	<.10	8.7
MAR 27...	5	4.2	1.7	4.6	34	.5	1.5	13	9.5	5.5	<.10	8.4
MAY 22...	0	4.3	1.8	6.0	39	.6	1.6	19	7.5	5.4	.10	9.7
JUL 16...	2	4.1	1.8	6.0	39	.6	1.9	16	9.7	4.9	.10	9.4
SEP 18...	0	3.6	1.9	8.0	47	.9	2.0	19	8.8	6.1	.10	9.3

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
NOV 15...	68	65	.09	518	.13	<.010	—	2.3	.080	.25	.050	.030
JAN 18...	58	46	.08	4850	.65	.040	.05	.60	.110	.34	.050	.020
MAR 27...	40	43	.05	2240	.48	<.010	—	.60	.080	.25	.020	.010
MAY 22...	59	49	.08	972	.44	.060	.08	<.10	.130	—	.050	.060
JUL 16...	65	48	.09	1490	.49	<.010	—	.30	.070	—	.050	.030
SEP 18...	57	51	.08	472	.28	<.010	—	.90	.060	—	.020	.010

02131000 PEE DEE RIVER AT PEEDEE, S C—Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS SOLVED (UG/L AS LI)
NOV 15...	.09	30	<1	86	.6	2	<1	<3	2	160	3	10
JAN 18...	.06	120	1	120	<.5	<1	<1	<3	4	340	2	<4
MAR 27...	.03	--	--	--	--	--	--	--	--	--	--	--
MAY 22...	.18	<10	<1	25	<.0	<1	<1	<3	<1	300	<1	<4
JUL 16...	.09	110	2	20	<.0	<1	<1	<3	1	260	<1	5
SEP 18...	.03	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 15...	17	.7	<10	<1	<1	<1	41	<6	30	11	87	70
JAN 18...	20	.3	<10	1	<1	<1	33	<6	58	26	2140	99
MAR 27...	--	--	--	--	--	--	--	--	--	33	1850	93
MAY 22...	130	.2	<10	1	<1	<1	40	<6	6	35	575	95
JUL 16...	8	.2	<10	1	<1	<1	37	<6	7	39	884	90
SEP 18...	--	--	--	--	--	--	--	--	--	16	132	90

DATE	TIME	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV 15...	1630	<1.1	<.6	2.5	<.7	2.1	<.6	.06	.07

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02131150 CATFISH CANAL AT SELLERS, SC

LOCATION.--Lat 34°17'04", long 79°26'32", Marion County, Hydrologic Unit 03040201, on right downstream wingwall of culvert on State Highway 38, 2.0 mi east of Sellers, 2.3 mi upstream from Stackhouse Creek, and at mile 25.6.

DRAINAGE AREA.--27.4 mi².

PERIOD OF RECORD.--November 1966 to current year.

REVISED RECORDS.--WRD SC-77: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 75 ft (from topographic map).

REMARKS.--Records fair.

AVERAGE DISCHARGE.--17 years, 28.8 ft³/s, 14.27 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 890 ft³/s, Mar. 4, 1971, gage height, 9.15 ft; no flow Sept. 27-30, 1978, Oct. 5 to Nov. 7, 1978, Oct. 16-22, Oct. 30 to Nov. 1, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharge above a base of 250 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Mar. 26	0745	*275	*6.09	Mar.29	0615	259	6.06

No flow Oct. 16-22 and Oct. 30 to Nov. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.15	.00	8.3	44	41	128	57	20	13	4.1	155	2.6
2	.14	.01	6.4	38	37	102	37	19	8.3	3.7	191	2.2
3	.11	.01	29	34	37	84	28	58	6.5	4.3	152	2.0
4	.09	.02	92	31	40	70	31	63	5.6	4.5	100	1.7
5	.10	.05	63	30	39	66	126	50	5.6	13	63	1.9
6	.11	.06	71	28	34	99	77	42	5.5	14	43	2.4
7	.09	.06	113	26	31	164	42	77	5.1	6.4	31	1.8
8	.07	.06	65	23	28	145	27	63	4.7	4.3	24	1.5
9	.07	.09	41	21	26	111	22	51	4.3	3.6	20	1.5
10	.06	.19	30	23	25	88	74	38	4.0	3.1	17	1.5
11	.06	.18	25	37	23	74	154	29	3.7	2.7	19	6.4
12	.06	.20	107	44	23	61	128	24	3.4	2.5	33	2.4
13	.05	.20	141	38	23	121	100	21	3.1	2.2	23	4.2
14	.05	.16	102	41	195	189	80	18	2.9	20	22	9.3
15	.03	.33	87	39	200	143	69	17	2.7	10	16	6.5
16	.00	.70	78	33	139	114	75	15	2.5	14	11	5.2
17	.00	1.4	57	29	107	94	54	14	2.4	59	9.6	4.6
18	.00	2.8	45	31	81	77	42	13	2.2	44	8.5	4.0
19	.00	.85	50	81	65	68	35	12	2.0	24	7.7	3.6
20	.00	1.1	45	81	55	61	38	10	2.0	17	7.3	3.3
21	.00	2.4	37	61	46	100	36	8.7	4.3	13	6.5	2.7
22	.00	2.6	44	47	39	88	34	7.8	13	116	5.8	2.9
23	.04	2.8	49	39	78	67	96	9.5	6.8	119	5.4	2.1
24	.12	4.1	41	37	102	55	110	12	5.1	87	6.5	2.0
25	.11	11	32	45	74	139	74	10	4.5	46	5.8	1.8
26	.20	12	27	45	55	254	51	9.6	3.6	34	4.7	1.6
27	.12	7.8	25	66	99	185	39	8.3	2.9	60	4.0	2.9
28	.05	6.0	38	82	229	178	32	7.9	2.7	65	3.7	2.2
29	.01	12	79	66	172	239	24	7.4	3.1	224	3.5	2.6
30	.00	11	84	54	---	160	21	13	5.9	174	3.3	2.7
31	.00	---	58	46	---	94	---	18	---	138	3.0	---
TOTAL	1.99	80.17	1769.7	1340	2143	3618	1813	766.2	141.4	1332.4	1005.3	93.1
MEAN	.06	2.67	57.1	43.2	73.9	117	60.4	24.7	4.71	43.0	32.4	3.10
MAX	.20	12	141	82	229	254	154	77	13	224	191	9.8
MIN	.00	.00	6.4	21	23	55	21	7.4	2.0	2.2	3.0	1.5

CAL YR 1983 TOTAL 15591.47 MEAN 45.5 MAX 745 MIN .00
WTR YR 1984 TOTAL 14104.16 MEAN 38.5 MAX 254 MIN .00

02131309 FORK CREEK AT JEFFERSON, SC

LOCATION.--Lat 34°38'19", long 80°23'20", Chesterfield County, Hydrologic Unit 03040202, on upstream side, at center of span on State Highway 151 bridge, 1.0 mi south of intersection of State Highways 765 and 151, at Jefferson.

DRAINAGE AREA.--24.3 mi^2.

PERIOD OF RECORD.--October 1976 to current year.

GAGE.--Water-stage recorder. Datum of gage is 302.68 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor.

AVERAGE DISCHARGE.--8 years, 26.4 ft^3/s, 14.75 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,560 ft^3/s, Feb. 24, 1979, gage height, 7.89 ft; no flow for many days in August, September and October, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 300 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 12	1330	352	5.17
Mar. 29	0545	*432	*5.55

No flow Oct. 6-11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.14	2.3	5.9	26	27	64	46	43	16	12	31	5.1
2	.18	1.5	5.5	26	26	52	42	44	13	25	32	5.0
3	.56	1.1	26	26	27	48	40	67	11	17	28	4.9
4	.12	2.3	38	25	41	46	63	75	10	12	20	4.6
5	.04	4.0	22	24	38	48	91	49	9.4	20	16	4.4
6	.00	2.2	116	24	32	66	50	44	8.8	45	14	3.7
7	.00	1.4	67	23	29	62	40	56	8.6	20	12	1.9
8	.00	1.3	36	21	26	50	36	44	8.4	12	9.9	1.5
9	.00	1.3	27	20	26	34	36	42	8.0	10	8.9	1.4
10	.00	1.6	23	83	25	31	50	34	7.6	8.0	11	2.4
11	.00	1.9	28	188	24	30	43	28	7.3	7.0	12	3.4
12	.32	1.6	234	63	24	29	36	25	7.0	6.5	26	2.8
13	.57	2.5	70	45	40	76	32	22	6.6	10	23	1.8
14	.52	1.6	48	40	160	63	32	20	6.2	20	31	1.6
15	.64	9.6	40	38	100	47	46	20	6.0	10	17	1.8
16	.76	12	35	36	85	40	36	18	16	9.0	13	2.0
17	.84	5.2	32	32	70	37	30	17	17	15	11	1.3
18	.07	3.4	30	44	55	35	30	17	11	30	8.6	1.2
19	.06	2.7	31	134	47	36	30	16	7.0	49	23	1.2
20	.09	7.2	28	61	44	37	34	14	7.5	75	11	1.1
21	.17	14	27	46	39	89	34	12	6.6	39	8.5	1.0
22	.31	6.4	51	39	35	50	34	10	30	41	7.6	.90
23	7.5	4.9	43	37	80	39	89	22	15	30	6.9	.80
24	12	5.1	34	37	72	35	60	47	12	24	7.0	.81
25	3.6	23	28	37	58	59	50	29	10	21	6.8	.70
26	1.8	12	27	34	56	51	48	19	9.0	19	6.3	.47
27	1.3	7.5	27	34	100	38	46	15	8.5	25	5.9	.26
28	1.1	7.1	35	33	125	180	46	14	8.0	38	5.9	.48
29	1.1	9.3	42	30	73	250	44	27	9.0	54	5.9	1.2
30	1.0	7.0	33	29	---	67	43	27	10	35	5.7	1.5
31	1.8	---	28	28	---	54	---	19	---	31	5.4	---
TOTAL	36.59	163.0	1317.4	1363	1584	1843	1337	936	310.5	769.5	430.3	61.22
MEAN	1.18	5.43	42.5	44.0	54.6	59.5	44.6	30.2	10.3	24.8	13.9	2.04
MAX	12	23	234	188	160	250	91	75	30	75	32	5.1
MIN	.00	1.1	5.5	20	24	29	30	10	6.0	6.5	5.4	.26

CAL YR 1983 TOTAL 10458.20 MEAN 28.7 MAX 734 MIN .00
WTR YR 1984 TOTAL 10151.51 MEAN 27.7 MAX 250 MIN .00

BEST COPY AVAILABLE

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC

LOCATION.--Lat 34°30'58", long 80°34'59", Lancaster County, Hydrologic Unit 03040202, at downstream side of bridge on State Road 770, 2.1 mi south of Kershaw, and 1.9 mi upstream from mouth.

DRAINAGE AREA.--10.4 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 345 ft (from topographic map).

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 822 ft³/s Mar. 17, 1983, gage height 9.19 ft; minimum daily, 0.66 ft³/s Oct. 16, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 629 ft³/s Feb. 14, gage height 8.11 ft; minimum daily, 0.66 ft³/s Oct. 16.

REVISIONS.--Minimum daily discharge for the period of record published in water year 1983 has been revised to 0.66 ft³/s on Oct. 16, 1983.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.81	2.2	15	23	22	48	62	28	17	26	35	9.7
2	.72	2.5	16	22	22	43	55	30	15	31	33	8.3
3	.70	2.6	41	22	23	39	53	49	13	15	30	8.4
4	.68	3.1	150	21	31	37	100	83	12	12	26	8.0
5	.72	3.3	55	21	30	41	176	45	11	18	22	8.0
6	.76	2.6	480	21	27	66	79	35	10	53	20	7.2
7	.73	2.2	130	20	25	66	59	45	10	16	18	6.9
8	.70	2.2	60	18	24	51	50	38	9.9	12	17	9.4
9	.78	2.7	45	18	24	44	48	31	9.4	11	16	7.5
10	.83	3.2	36	103	24	39	55	28	9.3	10	22	7.7
11	.79	3.8	50	176	23	37	48	26	9.1	9.6	29	7.8
12	.99	3.4	150	60	23	34	43	24	8.7	9.0	37	6.7
13	.81	3.0	70	45	54	70	41	22	8.8	10	31	5.6
14	1.1	3.2	43	40	494	56	40	21	7.9	15	27	5.5
15	.74	12	37	37	145	45	54	19	8.1	12	20	5.5
16	.66	20	32	34	65	40	42	18	8.0	29	17	6.1
17	.77	11	30	32	47	38	38	17	13	62	16	5.3
18	.77	6.5	27	40	40	36	35	17	11	34	13	4.9
19	1.0	5.3	27	124	36	35	35	16	9.2	26	33	4.9
20	1.1	5.6	25	57	33	35	41	16	8.4	21	19	4.3
21	1.4	12	23	40	30	57	38	15	8.5	21	15	4.9
22	1.4	8.0	35	34	27	39	40	14	57	22	13	4.4
23	5.5	9.0	32	34	61	34	83	15	19	16	27	4.4
24	7.3	9.5	28	34	48	32	54	32	15	16	35	4.5
25	6.0	50	24	32	37	55	42	18	15	14	19	4.5
26	3.9	22	22	32	32	47	36	16	12	14	15	4.3
27	2.8	15	21	30	146	38	33	15	12	19	13	4.0
28	2.2	18	29	28	116	254	32	19	11	81	13	4.0
29	1.9	31	35	26	61	367	31	33	11	129	13	4.5
30	2.0	16	29	25	---	115	30	35	12	51	13	4.8
31	2.2	---	25	23	---	75	---	23	---	38	11	---
TOTAL	52.76	290.9	1822	1272	1770	2013	1573	843	381.3	852.6	668	133.0
MEAN	1.70	9.70	58.8	41.0	61.0	64.9	52.4	27.2	12.7	27.5	21.5	6.10
MAX	7.3	50	480	176	494	367	176	83	57	129	37	9.7
MIN	.66	2.2	15	18	22	32	30	14	7.9	9.0	11	4.0

CAL YR 1983 TOTAL 11409.66 MEAN 31.3 MAX 570 MIN .20
WTR YR 1984 TOTAL 11721.56 MEAN 32.0 MAX 494 MIN .66

02132000 LYNCHES RIVER AT EFFINGHAM, SC
(National stream-quality accounting network station)

LOCATION.--Lat 34°03'05", long 79°45'15", Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad Bridge, 1 mi south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1929 to current. Gage-height records collected at same site since 1891 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 58.49 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--55 years, 1,042 ft³/s, 13.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 25,000 ft³/s Sept. 22, 1945, gage height, 21.21 ft, from rating curve extended above 17,000 ft³/s; minimum, 94 ft³/s Oct. 10, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,670 ft³/s Apr. 5, gage height, 13.54 ft; minimum, 170 ft³/s Oct. 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	205	311	663	1420	1910	2590	3160	1930	1060	467	3260	756
2	199	282	682	1360	1710	2800	2990	2030	1260	454	2880	613
3	194	266	700	1340	1570	2820	2750	1980	1450	486	2540	545
4	190	258	775	1350	1460	2620	3600	1780	1510	595	2320	505
5	187	251	740	1390	1370	2570	4560	1560	1540	784	2210	466
6	193	248	762	1370	1280	3090	4300	1420	1490	907	2210	433
7	190	248	936	1270	1200	3310	3620	1540	1220	968	2220	406
8	184	251	1110	1130	1140	3060	3000	1830	875	999	2030	384
9	176	263	1250	1050	1120	2690	2510	2140	678	987	1840	367
10	172	281	1330	1010	1130	2330	2620	2190	581	928	1660	358
11	171	281	1480	1030	1170	2050	3860	2210	528	918	1310	351
12	179	277	2130	1070	1160	1880	4160	2150	487	972	957	339
13	207	276	3040	1080	1130	2040	3800	1950	455	1030	750	331
14	224	284	4000	1170	1410	2610	3340	1770	433	1320	668	335
15	220	293	4290	1300	1750	2840	2940	1670	411	1640	727	339
16	213	296	3880	1430	1810	2700	2610	1490	391	1500	829	336
17	212	293	3260	1700	1790	2420	2340	1240	376	1080	889	325
18	215	302	2770	3060	1810	2100	2150	1030	361	875	916	311
19	214	349	3000	3670	1860	1880	1980	913	356	944	916	315
20	207	416	3360	3420	2690	1840	1820	826	384	1030	935	336
21	200	478	3090	2990	4210	2020	1760	751	548	1040	880	338
22	200	506	2680	2600	4240	2100	1730	696	717	1170	870	319
23	207	467	2320	2240	3600	2020	1980	702	725	1420	972	303
24	217	418	1960	1950	3000	1830	2370	760	618	1720	1030	293
25	228	445	1630	1910	2550	1830	2320	675	572	2760	1110	286
26	240	489	1400	2220	2200	2130	2150	619	583	3240	1240	281
27	287	536	1280	2930	2050	2250	1950	588	623	3280	1370	278
28	370	556	1280	3090	2400	2570	1820	615	642	3490	1350	273
29	430	575	1380	2840	2480	2990	1750	700	580	3650	1180	274
30	437	606	1480	2500	---	3030	1760	883	518	3660	1070	271
31	372	---	1490	2180	---	3050	---	1020	---	3470	947	---
TOTAL	7140	10802	60148	59070	57200	76060	81700	41658	21972	47784	44086	11067
MEAN	230	360	1940	1905	1972	2454	2723	1344	732	1541	1422	369
MAX	437	606	4290	3670	4240	3310	4560	2210	1540	3660	3260	756
MIN	171	248	663	1010	1120	1830	1730	588	356	454	668	271

CAL YR 1983	TOTAL	548131	MEAN	1502	MAX	10200	MIN	144
WTR YR 1984	TOTAL	518687	MEAN	1417	MAX	4560	MIN	171

02132000 LYNCHES RIVER AT EFFINGHAM S. C.--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1951 to September 1952, October 1960 to April 1966, July 1969 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)
OCT 18...	1200	217	--	--	--	--	--	--	--	--	--	--
NOV 16...	1100	299	125	6.7	12.0	2.9	756	10.0	94	130	2300	8
JAN 19...	1315	3690	52	5.3	7.0	32	764	10.0	82	360	K770	11
MAR 27...	1200	2200	60	5.9	15.5	9.0	757	7.4	75	K70	160	13
MAY 22...	1545	606	78	5.9	24.0	4.4	764	6.5	77	K45	3400	13
JUL 17...	1045	1000	70	5.2	26.0	7.1	761	6.0	74	--	530	16
SEP 18...	1130	298	102	6.4	20.5	3.7	768	7.6	84	120	K75	9

DATE	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
NOV 16...	0	1.7	.98	23	84	4	1.2	29	14	14	.20	7.1
JAN 19...	3	2.6	1.1	4.7	45	.6	1.0	8.0	8.9	6.5	<.10	7.2
MAR 27...	3	3.1	1.2	5.0	43	.6	1.2	10	5.4	7.6	<.10	2.8
MAY 22...	0	3.0	1.4	10	60	1	1.2	16	8.0	8.6	<.10	6.5
JUL 17...	0	3.9	1.5	8.5	51	1	1.3	16	11	7.4	<.10	7.2
SEP 18...	0	2.0	1.0	18	78	3	1.4	21	16	10	.10	7.2

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
NOV 16...	84	80	.11	68	<.10	.070	.09	.60	.060	.18	.040	.040
JAN 19...	53	38	.07	528	.16	<.010	--	.80	.050	.15	.020	<.010
MAR 27...	47	32	.06	279	<.10	<.010	--	.80	.020	.06	.020	<.C10
MAY 22...	82	49	.11	134	.24	.040	.05	.50	.070	--	.040	.040
JUL 17...	90	52	.12	243	.20	.040	.05	.40	.050	--	.030	.020
SEP 18...	88	68	.12	71	<.10	<.010	--	.60	.090	--	.080	.030

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV												
16...	.12	30	<1	56	<.5	<1	<1	<3	2	410	3	8
JAN												
19...	--	170	<1	110	<.5	<1	<1	<3	7	420	4	4
MAY												
22...	.12	20	1	22	<.0	<1	<1	<3	<1	650	1	<4
JUL												
17...	.06	70	1	26	1.0	<1	<1	<3	1	1000	1	<4
SEP												
18...	.09	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV												
16...	20	.6	<10	1	<1	<1	13	<6	24	2	1.9	70
JAN												
19...	25	.3	<10	4	<1	<1	19	<6	93	7	66	82
MAR												
27...	--	--	--	--	--	--	--	--	--	6	36	72
MAY												
22...	45	<.1	<10	<1	<1	<1	25	<6	<3	14	23	73
JUL												
17...	54	.1	<10	<1	<1	<1	28	<6	8	14	37	83
SEP												
18...	--	--	--	--	--	--	--	--	--	5	4.3	79

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC

LOCATION.--Lat 34°03'25", long 79°14'50", Horry-Marion County Line, Hydrologic Unit 03040204, near left bank on downstream side of bridge on U.S. Highway 501, at Galivants Ferry, 1.0 mi downstream from Lake Swamp, and at mile 41.7.

DRAINAGE AREA.--2,790 mi², approximately.

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 23.95 ft above National Geodetic Vertical Datum of 1929. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--43 years, 3,233 ft³/s, 15.74 in/yr. The figure published in the 1983 report was in error; the correct figure is 42 years, 3,228 ft³/s, 15.71 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 27,600 ft³/s Oct. 9, 10, 1964, gage height, 13.01 ft; minimum, 155 ft³/s Oct. 12, 13, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 16.0 ft in September 1928, from floodmark set by local resident.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 10,500 ft³/s Apr. 5, gage height, 10.44 ft; minimum, 328 ft³/s Oct. 16-20, gage height, 3.39 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	467	504	954	4280	4920	8450	9430	5200	1790	1390	5920	1510
2	462	517	981	4210	4780	8530	9650	4950	1800	1320	6830	1510
3	455	535	1030	4150	4680	8440	9950	4780	1740	1260	7410	1520
4	446	558	1120	4110	4610	8340	10100	4630	1670	1250	7520	1510
5	432	587	1210	4080	4510	8140	10300	4410	1650	1300	7190	1440
6	423	607	1330	4040	4390	7950	10100	4250	1650	1340	6720	1310
7	412	618	1470	4000	4260	7850	9980	4230	1650	1400	6220	1130
8	391	617	1590	3950	4110	7710	9580	4250	1660	1440	5770	971
9	375	614	1710	3900	3920	7640	8980	4250	1660	1450	5280	870
10	363	629	1850	3890	3740	7510	8670	4360	1660	1420	4830	810
11	354	612	2060	3840	3580	7360	8460	4570	1660	1380	4470	775
12	348	585	2550	3770	3430	7200	8190	4670	1690	1280	4220	757
13	344	563	3120	3720	3330	7150	8020	4540	1740	1130	4120	777
14	338	549	3500	3700	3810	7100	7720	4300	1760	1080	4190	892
15	333	545	3900	3660	4240	7020	7440	3980	1710	1070	4130	956
16	329	557	4200	3610	4760	6980	7220	3660	1640	1090	3910	1100
17	329	563	4500	3570	5160	6870	7020	3360	1650	1170	3610	1280
18	329	565	4700	3600	5380	6780	6760	3130	1570	1260	3330	1530
19	329	568	4960	3760	5590	6710	6540	2930	1360	1460	3090	1880
20	330	585	5100	3880	5910	6670	6320	2770	1100	1700	2930	2390
21	333	625	5280	4020	6240	6790	6110	2600	949	1760	2820	2950
22	337	643	5440	4170	6420	6750	5920	2450	955	1860	2700	3510
23	351	656	5420	4250	6680	6770	5980	2360	1020	2070	2570	3890
24	381	679	5310	4310	6640	6720	6010	2280	1050	2190	2440	3960
25	391	730	5120	4470	6740	6780	6060	2110	1090	2270	2350	3820
26	395	762	4900	4640	6800	6840	6110	1970	1160	2460	2260	3560
27	410	791	4690	4920	7010	7060	5990	1860	1280	2760	2160	3220
28	432	834	4610	5080	7480	7650	5810	1750	1380	2970	2000	2940
29	456	892	4570	5150	7960	8190	5640	1660	1440	3370	1840	2800
30	477	922	4450	5120	---	8630	5440	1650	1450	3760	1690	2550
31	492	---	4360	5020	---	9170	---	1730	---	4570	1580	---
TOTAL	12044	19012	105985	128870	151080	231750	229500	105640	44584	56230	126100	58118
MEAN	389	634	3419	4157	5210	7476	7650	3408	1486	1814	4068	1937
MAX	492	922	5440	5130	7960	9170	10300	5200	1800	4570	7520	3960
MIN	329	504	954	3570	3330	6670	5440	1650	949	1070	1580	757

CAL YR 1983	TOTAL 1569367	MEAN	4300	MAX	24200	MIN	324
WTR YR 1984	TOTAL 1268913	MEAN	3467	MAX	10300	MIN	329

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC
(Hydrologic bench-mark station)

LOCATION.--Lat 34°09'02", long 80°18'18", Lee County, Hydrologic Unit 03040205, at bridge on U.S. Highway 15, 0.1 mi downstream from Beaverdam Creek, 0.9 mi upstream from Seaboard Coast Line Railroad bridge, and 5.8 mi southwest of Bishopville.

DRAINAGE AREA.--96.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 164.53 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good.

AVERAGE DISCHARGE.--16 years (water years 1969-84), 107 ft³/s, 15.14 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,700 ft³/s, Sept. 7, 1979, gage height, 8.54 ft; minimum daily, 6.7 ft³/s July 21, 1970.

EXTREMES FOR CURRENT YEAR--Peak discharges above base of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)
May 31	1200	*662	*6.95
Aug. 21	1500	*662	*6.95

Minimum daily, 16.0 ft³/s Oct. 4, 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	28	97	162	150	285	287	90	437	58	314	44
2	17	27	78	164	138	276	240	86	269	87	240	37
3	17	27	92	155	127	235	200	129	183	125	201	32
4	16	28	159	143	120	196	179	180	130	139	156	29
5	16	35	196	130	117	171	186	249	85	134	122	27
6	17	36	274	121	114	164	188	285	52	118	116	26
7	17	34	471	113	111	177	267	311	42	93	103	25
8	17	34	514	108	107	178	287	257	36	47	55	24
9	25	33	491	105	104	172	231	200	32	35	36	23
10	30	37	359	115	100	166	224	163	29	29	33	24
11	30	37	266	163	97	156	243	138	26	25	41	25
12	31	35	307	197	93	143	232	116	26	21	32	26
13	31	34	367	215	98	150	215	92	23	19	31	27
14	28	33	404	240	210	172	193	71	21	27	30	26
15	26	47	395	224	301	185	173	60	19	32	26	23
16	24	89	307	196	518	196	156	58	18	32	21	22
17	23	106	242	174	472	195	139	55	20	56	20	19
18	22	101	199	162	331	176	129	48	34	69	20	18
19	21	84	172	181	257	155	126	42	35	94	175	18
20	21	71	153	194	212	137	132	37	27	103	356	20
21	21	73	138	197	181	133	141	33	25	102	600	21
22	22	71	140	202	159	134	141	30	26	237	474	18
23	32	60	147	198	168	127	168	32	37	152	303	18
24	77	60	148	183	187	123	199	60	44	64	254	17
25	89	94	146	177	196	168	195	53	44	41	200	17
26	75	113	143	170	196	260	180	45	35	34	195	17
27	55	110	136	174	213	376	161	50	26	34	168	17
28	42	106	135	181	257	429	140	50	21	42	144	17
29	34	113	148	181	271	428	119	228	27	87	114	21
30	30	110	157	172	---	332	102	405	57	173	74	24
31	29	---	160	162	---	301	---	594	---	390	53	---
TOTAL	953	1866	7141	5259	5605	6496	5573	4247	1886	2699	4697	702
MEAN	30.7	62.2	230	170	193	210	186	137	62.9	87.1	152	23.4
MAX	89	113	514	240	518	429	287	594	437	390	600	44
MIN	16	27	78	105	93	123	102	30	18	19	20	17

CAL YR 1983 TOTAL 42316.1 MEAN 116 MAX 989 MIN 8.0
WTR YR 1984 TOTAL 47124 MEAN 129 MAX 600 MIN 16

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC—Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAMFLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)
NOV 15...	1400	48	32	4.7	13.0	3.0	750	8.6	83	5500	2600	5
JAN 18...	1350	163	35	4.4	7.0	3.7	759	9.2	76	480	170	5
MAR 26...	1700	292	25	4.2	15.5	14	754	7.6	77	140	290	4
MAY 21...	1730	32	23	4.5	19.0	3.6	760	7.3	79	K55	540	4
JUL 16...	1330	33	.25	4.5	23.5	3.0	759	7.0	83	—	1400	5
SEP 17...	.645	19	27	4.9	19.0	1.9	767	7.6	81	100	140	5

DATE	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
NOV 15...	0	.88	.75	4.1	60	.8	.50	6.0	2.8	5.9	.10	11
JAN 18...	0	.90	.73	2.7	50	.5	.40	5.0	4.7	5.3	<.10	5.9
MAR 26...	2	.84	.43	2.1	50	.5	.50	2.0	3.3	4.1	<.10	1.6
MAY 21...	2	.86	.53	3.2	59	.7	.40	2.0	1.6	4.4	<.10	6.0
JUL 16...	2	.99	.67	4.3	—	.8	<.10	3.0	4.3	4.7	<.10	7.9
SEP 17...	2	.94	.61	3.1	56	.6	.40	3.0	1.4	4.5	<.10	7.9

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
NOV 15...	44	30	.06	5.7	.14	.050	.06	2.2	.010	.03	.010	.030
JAN 18...	39	24	.05	17	.15	<.010	—	.80	.020	.06	<.010	<.010
MAR 26...	26	14	.04	20	<.10	<.010	—	.50	<.010	—	.030	<.010
MAY 21...	40	19	.05	3.5	.31	.180	.23	.30	.020	—	<.010	.010
JUL 16...	50	—	.07	4.5	.29	.090	.12	.20	.030	—	<.010	<.010
SEP 17...	38	21	.05	2.0	.48	.010	.01	.70	.010	—	<.010	<.010

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV 15...	.09	130	1	100	.6	1	<1	<3	1	230	4	7
MAY 21...	.03	110	<1	10	<.0	<1	<1	<3	<1	660	1	<4

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV												
15...	51	1.5	<10	1	<1	<1	9	<6	65	1	.13	33
JAN												
18...	--	--	--	--	--	--	--	--	--	2	.70	81
MAR												
26...	--	--	--	--	--	--	--	--	--	9	6.8	70
MAY												
21...	27	.7	<10	1	<1	<1	8	<6	5	7	.60	61
JUL												
16...	--	--	--	--	--	--	--	--	--	8	.70	58
SEP												
17...	--	--	--	--	--	--	--	--	--	4	.22	71

DATE	TIME	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)	URANIUM DISSOLVED, EXTRACTION (UG/L)
NOV									
15...	1400	1.1	<1.1	.8	<1.3	.7	<1.2	.18	.03

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02135500 BLACK RIVER NEAR GABLE, SC

LOCATION.--Lat 33°54'00", long 80°09'55", Sumter County, Hydrologic Unit 03040205, near left bank on downstream side of McBride Crossing on U.S. Highway 378, 1.0 mi downstream from Church Branch, 6.3 mi northwest of Gable, and at mile 123.1.

DRAINAGE AREA.--401 mi².

PERIOD OF RECORD.--June 1951 to June 1966, April 1972 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 95 ft (from topographic map). Crest-stage station October 1970 to September 1971 at same site and datum. Prior to Dec. 9, 1955, wire-weight gage at same site and datum.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--26 years, 389 ft³/s, 13.17 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft³/s Mar. 5, 1971, gage height, 6.82 ft; maximum gage height 6.92 ft June 13, 1973; no flow for several days in 1954, 1956, 1957.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,560 ft³/s July 24, gage height, 4.79 ft; minimum, 7.4 ft³/s Sept. 27, gage height 1.84.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	53	209	534	661	1210	1750	397	2060	176	1570	184
2	14	47	195	491	581	1100	1350	360	1670	161	1200	150
3	13	42	247	457	527	916	993	385	1310	177	1040	124
4	12	39	348	431	484	747	809	437	1050	148	1170	98
5	11	35	424	410	447	646	934	449	765	134	1230	86
6	13	32	613	385	416	651	1020	482	501	145	924	71
7	12	30	820	365	387	702	952	1280	352	118	700	52
8	10	30	868	352	362	712	757	1790	266	109	685	36
9	11	31	843	344	337	674	628	1760	214	185	464	29
10	11	34	813	347	323	597	794	1400	174	202	326	28
11	11	34	997	365	312	540	1480	1030	134	157	278	29
12	12	32	1480	371	302	481	1810	787	99	124	346	28
13	14	32	1730	408	305	531	1450	594	72	104	274	25
14	18	33	1760	469	432	682	1110	461	55	294	210	21
15	17	39	1490	519	697	785	907	388	43	811	174	19
16	16	67	1330	571	1110	754	760	329	33	550	142	15
17	16	75	1110	579	1210	674	641	285	25	360	111	13
18	16	79	939	594	1090	575	549	256	20	307	83	12
19	16	86	844	714	980	491	476	231	16	340	262	11
20	15	96	721	815	982	428	452	212	14	456	766	11
21	14	112	598	920	841	438	455	193	133	347	1130	9.8
22	14	114	532	863	673	466	464	172	474	325	893	9.3
23	26	111	484	773	608	468	766	160	425	1170	715	9.0
24	51	123	459	706	558	413	1000	177	291	2430	815	8.8
25	66	203	422	720	543	554	1130	158	210	1740	1040	8.6
26	123	224	393	711	527	909	920	135	151	1190	858	8.5
27	270	226	356	833	603	1320	732	119	94	1390	622	7.8
28	228	238	376	887	886	1320	614	113	60	2090	494	7.9
29	131	242	437	918	1210	1330	524	159	57	1800	394	12
30	78	226	471	870	---	1610	451	836	145	1850	292	13
31	60	---	519	763	---	1910	---	1780	---	1880	224	---
TOTAL	1336	2765	22828	18485	18396	24634	26678	17315	10913	21270	19432	1135.5
MEAN	43.1	92.2	736	596	634	795	889	559	364	686	627	37.9
MAX	270	242	1760	920	1210	1910	1810	1790	2060	2430	1570	184
MIN	10	30	195	344	302	413	451	113	14	104	83	7.8

CAL YR 1983 TOTAL 180107.4 MEAN 493 MAX 4720 MIN 1.7
WTR YR 1984 TOTAL 185187.5 MEAN 506 MAX 2430 MIN 7.8

02136000 BLACK RIVER AT KINGSTREE, SC
(National stream-quality accounting network station)
(Pesticide program station)

LOCATION.--Lat 33°39'40", long 79°50'10", Williamsburg County, Hydrologic Unit 03040205, on left bank at downstream side of bridge on U.S. Highway 52 at Kingstree, 1.0 mi downstream from Kingstree Swamp Canal, and at mile 86.7.

DRAINAGE AREA.--1,252 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1929 to current year. Gage-height records collected at same site since 1894 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1032: 1928(m), drainage area WSP 1333: 1930(m), 1931, 1936.

GAGE.--Water-stage recorder. Datum of gage is 25.66 ft above National Geodetic Vertical Datum of 1929. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--55 years, 956 ft^3/s, 10.37 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 58,000 ft^3/s June 14, 1973, gage height, 19.77 ft; minimum, 2.0 ft^3/s Sept. 12-15, Oct. 7, 8, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,350 ft^3/s Aug. 1, gage height, 12.99 ft; minimum, 51 ft^3/s Oct. 22, 23, gage height, 2.27 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	157	104	321	1310	2850	2710	5570	2570	841	558	9220	1100
2	136	106	346	1290	2800	2870	5220	2300	925	498	8330	924
3	116	106	364	1290	2680	3110	4800	2140	1350	460	7130	768
4	104	104	384	1280	2490	3230	4490	2150	2330	449	5980	606
5	96	102	395	1290	2290	3190	4420	2100	3300	449	5030	480
6	89	101	414	1300	2110	3110	4420	2030	3650	441	4290	391
7	82	104	440	1300	1940	3050	4270	2120	3370	431	3660	338
8	75	108	473	1280	1790	2830	4030	2330	2850	415	3090	299
9	69	113	512	1240	1660	2680	3790	2940	2320	383	2640	263
10	65	118	558	1200	1550	2560	3660	4020	1890	337	2310	235
11	62	115	612	1160	1440	2500	3550	4650	1500	300	2090	218
12	61	113	745	1110	1350	2440	3560	4820	1210	286	1950	208
13	61	108	858	1090	1290	2420	5230	4510	974	288	1760	195
14	63	103	1010	1110	1370	2420	7110	3950	790	329	1460	173
15	64	99	1280	1150	1440	2360	6740	3340	635	365	1210	151
16	67	99	1620	1200	1580	2320	5790	2800	529	405	1020	133
17	66	100	2000	1220	1660	2370	4970	2370	439	474	873	119
18	62	104	2370	1260	1790	2450	4250	2020	362	499	733	107
19	59	107	2660	1380	2040	2480	3610	1710	304	568	620	99
20	56	112	2710	1500	2350	2420	3110	1460	270	703	572	91
21	54	118	2590	1640	2660	2510	2730	1260	366	863	505	85
22	52	125	2410	1730	2780	2570	2420	1090	314	978	487	80
23	56	133	2220	1800	2820	2480	2340	945	308	1210	516	75
24	64	140	2050	1880	2690	2280	2380	882	297	1350	595	71
25	79	159	1880	1990	2500	2290	2530	883	349	1500	725	67
26	104	174	1700	2080	2300	2560	2710	896	464	1780	951	63
27	108	201	1550	2250	2250	2830	3120	880	567	2160	1340	60
28	106	234	1430	2370	2420	3160	3300	849	646	3170	1510	58
29	101	265	1400	2550	2600	4150	3110	828	671	4650	1460	74
30	97	290	1360	2700	---	5300	2850	816	627	7400	1390	71
31	99	---	1340	2780	---	5710	---	819	---	8990	1260	---
TOTAL	2530	3965	40002	48730	61490	89360	120080	66478	34448	42689	74707	7602
MEAN	81.6	132	1290	1572	2120	2883	4003	2144	1148	1377	2410	253
MAX	157	290	2710	2780	2850	5710	7110	4820	3650	8990	9220	1100
MIN	52	99	321	1090	1290	2280	2340	816	270	286	487	58

CAL YR 1983 TOTAL 641259 MEAN 1757 MAX 14500 MIN 29
WTR YR 1984 TOTAL 592081 MEAN 1618 MAX 9220 MIN 52

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY RECORDS

PERIOD OF RECORD.--October 1962 to September 1966, July 1972 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
OCT 18...	1420	62	—	—	—	—	—	—	—	—	—	—
NOV 16...	1612	97	147	6.6	12.5	1.5	757	9.2	87	110	210	21
JAN 19...	1655	1410	83	5.5	7.5	3.7	766	9.4	78	210	430	16
MAR 27...	1430	2830	61	5.6	17.0	5.5	755	7.8	81	K30	130	13
MAY 22...	1800	1100	55	5.3	23.5	2.9	765	4.2	49	K35	K900	13
JUL 17...	1330	503	60	5.5	26.5	3.5	761	5.6	70	—	450	15
SEP 18...	1330	115	92	6.3	21.0	1.8	768	6.7	75	130	K50	20

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV 16...	0	5.0	2.1	20	64	2	2.9	27	15	22	.30	13
JAN 19...	7	4.1	1.5	7.9	48	.9	1.5	9.0	16	11	<.10	6.4
MAR 27...	5	3.4	1.2	5.2	42	.6	1.6	8.0	4.3	9.0	<.10	1.3
MAY 22...	5	3.4	1.2	5.7	45	.7	1.4	8.0	4.4	9.0	<.10	4.9
JUL 17...	5	3.7	1.3	6.1	45	.7	1.5	10	10	8.2	<.10	8.8
SEP 18...	0	4.9	1.8	9.9	49	1	2.1	20	7.0	11	.10	12

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITPO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV 16...	119	98	.16	31	<.10	.050	.06	3.7	.170	.52	.160	.090
JAN 19...	70	54	.10	266	<.10	<.010	—	1.0	.040	.12	.010	<.010
MAR 27...	48	31	.07	367	<.10	<.010	—	.70	.080	.25	.030	<.010
MAY 22...	74	36	.10	220	.15	.160	.21	.10	.130	—	.100	.080
JUL 17...	78	47	.11	106	<.10	<.010	—	.60	.110	—	.090	.060
SEP 18...	77	61	.10	24	.15	.080	.10	.50	.130	—	.120	.100

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV												
16...	.28	120	<1	65	<.5	<1	<1	<3	1	470	2	<4
JAN												
19...	--	240	1	72	<.5	<1	<1	<3	9	210	3	6
MAY												
22...	.25	170	1	26	<.0	<1	2	<3	<1	680	1	<4
JUL												
17...	.18	120	1	27	1.0	<1	<1	<3	1	590	1	5
SEP												
18...	.31	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV												
16...	13	<.1	<10	<1	<1	<1	31	<6	16	1	.36	13
JAN												
19...	9	.3	<10	3	<1	<1	25	<6	41	2	7.6	59
MAR												
27...	--	--	--	--	--	--	--	--	--	6	46	34
MAY												
22...	30	.3	<10	1	<1	<1	22	<6	7	8	23	90
JUL												
17...	38	.4	<10	<1	<1	<1	24	<6	28	10	13	38
SEP												
18...	--	--	--	--	--	--	--	--	--	3	.90	55

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02146000 CATAWBA RIVER NEAR ROCK HILL, SC

LOCATION.--Lat 34°59'05", long 30°58'27", York County, Hydrologic Unit 03050103, on right bank at downstream side of bridge on U.S. Highway 21, 3.5 mi downstream from Lake Wylie Dam, 5.0 mi northeast of Rock Hill, 7.5 mi upstream from Sugar Creek, and at mile 137.6

DRAINAGE AREA.--3,050 mi², approximately.

PERIOD OF RECORD.--September 1895 to September 1903, April 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1895-1903, WSP 1333: 1942-43(M), 1953(M). WSP 1623: 1942-51 (yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 485.82 ft. Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi downstream, at different datum.

REMARKS.--Records good. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³ and by other powerplants above station.

AVERAGE DISCHARGE.--50 years, 4,578 ft³/s 20.38 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 151,000 ft³/s May 23, 1901, gage height, 24.15 ft, site and datum then in use; minimum daily, 418 ft³/s Mar. 9, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 32,900 ft³/s Apr. 10, gage height, 11.79 ft; minimum daily, 577 ft³/s Sept. 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	814	1180	6130	7630	5290	8420	8380	9240	9410	3880	7520	2380
2	874	960	3320	5530	8670	8380	9090	11200	6700	682	6370	4110
3	3180	1730	779	6120	7080	6470	8880	3080	3330	684	2360	1660
4	2680	2890	2730	4170	4980	5650	5780	6660	4950	3530	3310	778
5	6570	2380	5760	4340	7210	6530	5610	10100	5310	6020	5170	1540
6	5820	1230	10400	7950	7630	9000	8030	8650	9260	4800	8430	767
7	1430	2650	7150	11500	7530	12400	9660	6240	10200	3650	8600	1200
8	923	2830	5800	9580	7510	7890	8500	7950	11200	4840	9490	2530
9	963	3030	6560	9660	8570	8690	8720	3780	8180	3930	5030	1900
10	899	2800	6430	7000	8270	7140	16900	8040	7170	3960	3130	5290
11	951	2660	5050	3380	6670	6820	16500	9480	7220	3800	3810	3570
12	1980	3550	18700	4460	6770	8090	13000	9320	4790	4110	750	6150
13	3200	1620	13300	7090	6230	5830	11100	6290	6640	4110	3020	4480
14	1060	4110	8400	5710	9260	7680	9060	9870	4010	4220	8130	5440
15	2240	4690	9590	5580	13300	8850	9030	9940	5420	918	8480	2750
16	1090	3840	9980	6850	11100	8560	8330	7700	1470	4300	4190	1650
17	2690	6200	7320	8480	8500	6320	8400	6990	3300	892	4260	1980
18	943	6450	6670	6670	7580	7430	7620	6650	4670	1720	3750	1400
19	1400	5330	9770	1430	5480	8160	8380	5140	6210	5700	3690	577
20	989	4130	11100	977	7700	8770	7560	9940	5400	8800	6110	578
21	1000	2310	10400	3360	9120	6840	7740	6990	3580	6330	4920	625
22	890	2810	6160	8430	8270	10300	8610	5580	4050	2700	6500	1260
23	993	4140	5890	10000	4380	3660	7690	5460	1220	6170	6670	713
24	4590	790	7050	6570	2480	4130	8180	3460	3420	5410	3190	2690
25	4930	3930	9980	6190	5660	8870	7320	6200	4830	5060	4290	1260
26	2710	5640	10400	9480	6890	10000	7600	4710	3790	4040	3260	1280
27	3920	716	11500	9260	10100	8160	7700	4130	3780	2560	2140	1630
28	3100	5800	7640	8220	9290	3580	8820	3850	4590	4810	1410	1920
29	937	8860	10200	8090	8420	6700	4980	12000	4320	4260	1280	1450
30	1340	9040	11100	8000	---	5220	8010	11700	4980	5960	3720	602
31	1390	---	11700	9640	---	7110	---	8430	---	7020	5870	---
TOTAL	66486	108296	255959	210347	219940	236650	265180	224770	163400	128866	147850	64160
MEAN	2145	3610	8257	6785	7584	7634	8839	7251	5447	4157	4769	2139
MAX	6570	9040	18700	11500	13300	12400	16900	12000	11200	8800	9600	6150
MIN	814	716	779	977	2480	3580	4980	3080	1220	682	750	577

CAL YR 1983	TOTAL	1967158	MEAN	5389	MAX	21400	MIN	535
WTR YR 1984	TOTAL	2091904	MEAN	5716	MAX	18700	MIN	577

02147000 CATAWBA RIVER NEAR CATAWBA, SC

LOCATION.--Lat 34°51'09", long 80°52'06", York County, Hydrologic Unit 03050103, on right bank, 60 ft downstream from Seaboard Coast Line Railroad bridge, 200 ft downstream from Twelvemile Creek, 2.5 mi east of Catawba, and at mile 122.8.

DRAINAGE AREA.--3,530 mi², approximately.

PERIOD OF RECORD.--October 1968 to current year. Annual peak stages from June 1906 to December 1948 and gage-height records since May 1958 are available in district office.

GAGE.--Water-stage recorder. Datum of gage is 446.18 ft above National Geodetic Vertical Datum of 1929 (levels by Bowaters Carolina Corporation). June 1906 to Dec. 21, 1948, nonrecording gage at site 2.1 mi downstream at different datum.

REMARKS.--Records good, except those for periods of no gage-height record Dec. 18 to Feb. 2 and Mar. 15 to Apr. 26, which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³ and by other powerplants above the station.

AVERAGE DISCHARGE.--16 years, 5,783 ft³/s 22.25 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,600 ft³/s Oct. 9, 1976, gage height, 23.81 ft; minimum daily, 747 ft³/s Sept. 26, 1983.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--Maximum stage known since June 1906, 40.4 ft July 16, 1916 at site and datum then in use, from records furnished by the National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 36,300 ft³/s Dec. 12, gage height, 15.05 ft; minimum daily, 734 ft³/s Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	734	897	8680	10000	7000	9960	9500	10700	9620	6300	9160	4210
2	744	954	3410	8000	11100	9720	10000	12500	7970	2560	10300	4460
3	1560	857	1460	7200	8430	8050	9500	7120	3820	988	5540	3420
4	2420	1750	5170	5500	5440	5780	7000	7340	5720	1440	3290	1380
5	4550	2480	8820	7600	8650	8490	6500	11700	4600	6900	5260	1810
6	6300	1760	16800	10000	8550	15500	9500	9830	10100	8780	9500	1920
7	3640	1840	23900	12000	8000	19700	11000	8940	11100	4430	9770	1560
8	895	2290	8300	10500	8500	11000	9500	14300	12100	6300	9650	1300
9	767	2940	6600	9000	9500	10300	15000	8220	9540	5310	5950	2900
10	784	2260	9050	7500	8800	8740	20000	8510	8250	4050	5570	3880
11	800	2660	3950	4000	6380	7540	18000	10300	8710	3570	4140	3970
12	1160	2490	22200	6000	8010	9640	15000	11000	4760	4910	2930	6250
13	1900	2730	21300	7500	8740	7930	12000	8760	5560	4970	3150	5020
14	2950	3230	11200	6000	17200	8930	10000	9960	6930	5840	10100	5450
15	1770	4670	11000	6500	24100	9700	9500	11000	3300	2600	9980	4320
16	1160	4140	10000	8000	13600	9000	8800	8680	4660	4780	6250	2130
17	2010	6220	8800	9000	10800	7600	8600	7500	4210	5230	4110	1860
18	1260	5750	8200	7000	9630	8400	8000	7770	4490	6080	5460	1650
19	769	5800	11000	2500	5720	9000	9800	6100	7220	9110	3530	856
20	1250	3880	12000	1800	8490	9600	8200	6300	5900	9630	7950	819
21	788	2610	11000	3500	9350	8500	8800	7810	5600	8280	5880	829
22	829	2530	9000	9800	10400	12000	9600	6360	3440	2770	6810	1220
23	856	4060	7000	11000	6300	10000	9200	5740	2350	7390	8200	940
24	3390	1200	9400	8000	10800	7000	8900	6120	3280	4690	5060	2290
25	5170	5200	11000	7200	5580	10000	7900	5210	5150	6490	4470	1900
26	3240	6520	11500	10500	7870	11000	8500	6220	4250	5010	4490	1420
27	3480	1690	13000	10000	12400	10000	8480	4260	4160	3530	3060	1810
28	2950	3840	10000	9000	18300	5500	10100	4300	5540	4200	2360	2030
29	1010	9310	11000	8400	11000	8000	5930	11900	5250	6780	1600	1640
30	789	9380	12000	8000	---	6500	7150	13300	5490	10400	3220	896
31	1400	---	13500	10500	---	8500	---	9980	---	7580	7120	---
TOTAL	61325	105938	330240	241500	290640	291580	299960	267730	183070	170898	183860	74640
MEAN	1978	3531	10650	7790	10020	9406	9999	8636	6102	5513	5931	2488
MAX	6300	9380	23900	12000	24100	19700	20000	14300	12100	10400	10300	6250
MIN	734	857	1460	1800	5440	5500	5930	4260	2350	988	1600	819

CAL YR 1983 TOTAL 2262866 MEAN 6200 MAX 23900 MIN 734
WTR YR 1984 TOTAL 2501381 MEAN 6834 MAX 24100 MIN 734

AVAILABLE

02148000 WATEREE RIVER NEAR CAMDEN, SC

LOCATION.--Lat 34°14'40", long 80°39'15", Kershaw County, Hydrologic Unit 03050104, in pier of bridge on U.S. Highway 1, 1,500 ft downstream from Five and Twenty Creek, 4,000 ft upstream from Seaboard Coast Line Railroad bridge, 2.2 mi west of Camden, 7.4 mi downstream from Wateree Dam, and at mile 68.8.

DRAINAGE AREA.--5,070 mi², approximately.

PERIOD OF RECORD.--January to December 1903 (gage heights only), October 1904 to September 1910, October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at site 1.5 mi downstream 1891-1934, at site 830 ft upstream January 1935 to September 1942, and at present site since October 1942, are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 802: 1930. WSP 952: Drainage area. WSP 1082: 1934(M). WSP 1433: 1905-10. WSP 1623: 1930-51(monthly and yearly runoff).

GAGE.--Water-stage recorder with remote system to district office. Datum of gage is 119.36 ft above National Geodetic Vertical Datum of 1929. January 1903, to September 1910, nonrecording gage at site 1.5 mi downstream at datum 1.65 ft lower. Oct. 1, 1929 to Sept. 1, 1942, recording gage at site 830 ft upstream at same datum.

REMARKS.--Records fair. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft³) and by other powerplants above station.

AVERAGE DISCHARGE.--61 years (water years 1904-10, 1929-84), 6,451 ft³/s, 17.28 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 366,000 ft³/s Aug. 26, 1908 gage height, 39.7 ft, site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft³/s on basis of computation, by Duke Power Co., of peak flow 382,000 ft³/s over dam at Rocky Creek Reservoir; minimum daily, 143 ft³/s Sept. 28, 1980.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--The flood of July 18, 1916 reached a stage of 40.4 ft, datum 117.71 ft above mean sea level, at site 1.5 mi downstream, from records of National Weather Service, discharge, 400,000 ft³/s from rating curve extended above 122,000 ft³/s as explained above.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 26,500 ft³/s Feb. 16, gage height, 21.62 ft; minimum daily, 224 ft³/s Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	411	709	10500	11800	11800	16800	14000	10100	9760	6040	11900	2510
2	399	863	8240	12700	10200	15000	13800	11400	7550	6800	8690	4450
3	2900	974	6200	11300	8210	14100	13800	12200	6860	5360	11900	5060
4	2830	2710	9920	7250	10100	13800	13900	13800	10100	3590	11600	574
5	4640	3620	11800	3180	7780	13700	14700	14400	6620	7130	6240	508
6	6310	863	13900	5540	9530	13900	14400	14000	7790	7170	5920	676
7	2570	2540	15900	11400	7800	14900	14100	14300	11200	8880	10500	388
8	654	1720	21000	10300	10000	17900	13900	14200	8670	11000	10400	2520
9	683	3190	18000	10700	10100	16400	13700	13800	10000	8900	6960	700
10	647	2360	14900	11900	10400	14700	13700	13200	10900	3130	5120	5560
11	2310	1780	13900	14100	10800	13900	13800	12400	7940	4770	2390	6240
12	1920	3090	15200	18800	11100	13700	13800	10700	6410	5160	6850	7060
13	1790	1020	19900	21100	10800	13900	13800	10400	6030	5300	2700	5030
14	1130	3120	21400	17300	16000	14100	13900	11000	7780	6600	8850	5670
15	386	4750	17600	14500	20100	14000	13700	11300	7130	7170	8790	6030
16	1090	5620	15000	13800	24700	13800	13800	10500	5300	6720	8850	1890
17	1710	7190	14000	13600	21300	13700	13800	10500	2330	7020	5390	500
18	2080	5570	13600	13600	16800	13600	13700	10600	8020	9840	5800	1710
19	1030	6390	13500	14300	14700	13500	13600	7600	7550	10900	4110	1330
20	1460	5070	13500	14200	14000	13500	13700	5340	7610	12900	4930	2280
21	1730	1780	13500	14000	12400	13900	13300	8260	7140	10900	6260	3410
22	534	2130	13500	13800	13400	9390	12800	8080	6630	7970	5890	4860
23	1060	2950	13600	13600	13300	10000	14000	7320	8170	8240	7610	1490
24	4410	538	13500	13600	13800	10800	14000	7430	5000	6820	5910	2770
25	4120	3560	13400	13600	13800	13500	13900	8000	5370	7460	6350	1010
26	2920	8200	12400	13500	13600	13700	12500	8910	4780	5910	5080	1240
27	4070	6530	12500	12500	14000	11200	12000	7140	5850	5360	3360	959
28	1700	4950	13200	12700	15200	12500	13100	8670	6170	5810	972	522
29	1010	9990	13500	10700	18000	14700	9950	11800	2540	9010	1800	260
30	1010	7280	13500	10900	---	14500	9960	12200	4610	11600	2080	224
31	1410	---	13400	10300	---	14300	---	9760	---	12500	6340	---
TOTAL	60924	111057	433960	390570	383720	427390	403110	329310	211810	235960	199542	77931
MEAN	1965	3702	14000	12600	13230	13790	13440	10620	7060	7612	6437	2598
MAX	6310	9990	21400	21100	24700	17900	14700	14400	11200	12900	11900	7060
MIN	386	538	6200	3180	7780	9390	9950	5340	2330	3130	972	224

CAL YR 1983	TOTAL	2934061	MEAN	8039	MAX	29500	MIN	386
WTR YR 1984	TOTAL	3265284	MEAN	8922	MAX	24700	MIN	224

02148315 WATEREE RIVER BELOW EASTOVER, SC

LOCATION.--Lat 33°49'42", long 80°37'14", Richland County, Hydrologic Unit 03050104, on right bank, 1.3 mi upstream from Southern Railway bridge, 1.8 mi northeast of Wateree, 4.5 mi southeast of Eastover, and at mile 10.8.

DRAINAGE AREA.--5,590 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft^3/s only.

GAGE.--Water-stage recorder. Datum of gage is 77.43 ft National Geodetic Vertical Datum of 1929 (South Carolina Electric and Gas Company benchmark).

REMARKS.--Records fair. Flow regulated by powerplant at Wateree Reservoir, usable capacity, 2,794,000,000 ft^3, and by other powerplants above station. Discharge represents only that portion of the flow confined to the main channel. At times of high flow, bankfull capacity is exceeded in the intervening channel reach; therefore, the daily mean discharge is not shown for Dec. 8, 1983-Jan. 3, 1984, Jan. 13-28, 1984, Feb. 15-March 23, 1984, Mar. 27-April 29, 1984, and May 5-12, 1984, although the discharge was in excess of 10,000 ft^3/s on these days.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined; minimum daily, 702 ft^3/s Sept. 3, 1968.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined; minimum daily, 757 ft^3/s) Oct. 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2060	1600	7570	---	9430	---	---	9340	9590	4120	9250	4770
2	1170	1460	8530	---	9520	---	---	9170	9340	5830	9210	4510
3	757	1220	8050	---	9220	---	---	9420	8590	6410	8870	3630
4	908	1210	7300	9760	8670	---	---	9640	7970	5900	8980	4960
5	2750	1600	8700	8570	8780	---	---	---	8460	4930	8990	3230
6	3720	3440	9460	6190	8260	---	---	---	7570	5910	7780	1580
7	5400	2520	9840	6410	8430	---	---	---	7840	6780	6780	1310
8	4000	1750	---	8910	8160	---	---	---	8750	7490	8160	1320
9	2240	2680	---	9060	8710	---	---	---	8490	8240	8240	1860
10	1230	2400	---	9190	8910	---	---	---	8720	7770	7310	2220
11	1020	3100	---	9590	9000	---	---	---	8870	5300	6070	3230
12	1160	2640	---	9810	9120	---	---	---	7970	4650	4110	5550
13	2540	2550	---	---	9340	---	---	9690	6810	5170	5560	6210
14	2020	2680	---	---	9680	---	---	9520	6530	5280	4740	5450
15	2080	2210	---	---	---	---	---	9460	7050	6300	6570	5510
16	1340	3990	---	---	---	---	---	9390	7110	6900	7620	5850
17	916	5350	---	---	---	---	---	9230	6160	6790	7340	4090
18	1410	6430	---	---	---	---	---	9120	3840	6880	6060	2080
19	2150	6260	---	---	---	---	---	8990	6420	7920	5790	1750
20	1870	6000	---	---	---	---	---	8000	7000	8430	5150	1840
21	1560	5360	---	---	---	---	---	6720	7240	8800	5110	2600
22	1780	3790	---	---	---	---	---	7500	7020	8820	5960	2660
23	1780	2850	---	---	---	---	---	7710	6810	8110	5970	4490
24	1240	3130	---	---	---	9500	---	7490	7380	7620	6620	3320
25	2630	2660	---	---	---	9640	---	7500	6150	6940	6320	2370
26	4550	2660	---	---	---	9850	---	7870	5740	6960	6160	2710
27	3740	6520	---	---	---	---	---	8270	5330	6720	5790	1720
28	4220	7010	---	---	---	---	---	7960	5730	6490	4440	1730
29	3000	5300	---	9850	---	---	---	8990	6030	7470	2850	1450
30	1860	7890	---	9740	---	---	9610	9670	4780	8780	2320	1220
31	1560	---	---	9580	---	---	---	9700	---	9360	2330	---
TOTAL	68661	108260	---	---	---	---	---	---	215290	213070	196440	95220
MEAN	2215	3609	---	---	---	---	---	---	7176	6873	6337	3174
MAX	5400	7890	---	---	---	---	---	---	9590	9360	9250	6210
MIN	757	1210	---	---	---	---	---	---	3840	4120	2320	1220

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1971 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1970 to current year.
pH: October 1970 to current year.
WATER TEMPERATURE: October 1970 to current year.
DISSOLVED OXYGEN: October 1970 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1970.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 222 micromsiemens June 27, 1980; minimum, 40 microsiemens Sept. 1, 1984.
pH: Maximum, 8.5 units Aug. 26, 1980; minimum, 5.8 units Aug. 3, 1982.
WATER TEMPERATURE: Maximum, 32.5°C July 14, 1980; minimum, 2.5°C Jan. 20, 24, 1977.
DISSOLVED OXYGEN: Maximum, 13.1 mg/L Jan. 22, 1977; minimum, 2.1 mg/L Aug. 27, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 193 micromsiemens Dec. 2; minimum, 40 microsiemens Sept. 1.
pH: Maximum, 7.4 units Nov. 6-8; minimum, 5.9 units Apr. 5.
WATER TEMPERATURE: Maximum, 31.0°C July 7; minimum, 4.5°C Jan. 23.
DISSOLVED OXYGEN: Maximum, 12.2 mg/L Jan. 1, 2; minimum, 2.1 mg/L Aug. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	138	134	137	168	145	154	186	180	183	106	105	106
2	139	130	134	163	150	155	193	184	189	101	98	103
3	129	124	126	156	145	150	191	180	184	101	98	100
4	127	120	123	153	145	151	180	174	175	98	93	95
5	152	131	139	161	145	149	184	174	180	94	93	93
6	153	135	142	180	165	170	187	174	181	95	92	93
7	154	146	152	167	160	164	188	162	182	97	90	94
8	154	143	148	161	150	155	180	160	168	91	87	89
9	147	143	144	163	155	161	186	180	183	90	87	89
10	147	137	141	163	155	159	182	167	175	90	85	89
11	137	128	133	171	160	166	167	151	160	90	84	87
12	151	128	138	168	160	165	151	140	146	89	80	84
13	153	140	148	168	160	165	142	125	133	89	80	86
14	149	144	146	170	160	167	133	124	131	99	89	94
15	149	142	145	163	155	158	130	114	123	99	90	95
16	146	140	143	168	160	162	118	109	114	90	85	88
17	140	131	137	170	165	167	112	109	111	89	85	86
18	158	131	144	171	160	168	113	108	112	85	80	81
19	158	141	148	172	160	168	114	113	114	83	70	79
20	150	149	149	171	165	168	115	114	114	77	70	75
21	152	149	151	176	169	171	116	112	114	73	72	72
22	162	151	157	177	173	174	112	107	109	72	70	71
23	162	147	153	173	161	169	106	100	105	72	70	72
24	147	140	144	172	160	165	109	101	103	75	70	72
25	161	140	150	176	171	175	114	105	111	80	70	76
26	157	149	153	174	159	166	118	110	116	81	80	80
27	155	145	150	187	160	177	118	109	116	80	71	77
28	162	155	159	187	175	181	117	109	113	80	80	80
29	165	155	159	178	170	173	118	114	115	---	---	---
30	155	145	151	191	183	188	117	109	113	---	---	---
31	152	145	148	---	---	---	110	103	107	---	---	---
MONTH	165	120	145	191	145	165	193	100	138	106	70	86

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	91	84	89	75	74	74	97	92	95
2	---	---	---	91	84	89	77	73	75	97	76	87
3	107	56	90	89	87	88	78	74	75	81	76	80
4	113	97	107	90	84	87	78	74	78	81	73	78
5	114	77	103	91	90	90	78	67	71	77	67	74
6	117	88	105	90	84	89	70	65	68	76	67	72
7	101	88	95	89	87	88	70	65	67	77	73	75
8	98	95	96	87	86	87	70	66	67	79	65	71
9	100	94	96	87	86	86	75	66	71	72	66	69
10	100	94	96	87	80	85	76	70	74	77	68	72
11	100	99	100	85	80	84	77	70	74	81	74	78
12	101	98	100	87	85	86	79	71	76	81	75	78
13	101	97	99	90	84	86	81	71	79	82	75	79
14	99	91	96	90	84	89	82	77	80	82	69	79
15	98	76	86	89	87	88	85	82	84	82	70	78
16	91	80	86	88	86	87	85	83	84	85	76	80
17	93	86	91	88	87	87	85	78	83	98	76	82
18	90	88	89	89	87	88	85	83	84	86	77	82
19	90	87	88	89	84	87	84	79	82	83	77	80
20	90	89	89	90	89	89	82	79	80	93	77	80
21	90	88	89	91	90	90	83	80	81	91	77	85
22	88	87	88	90	87	88	82	79	80	91	87	89
23	88	84	87	86	75	82	83	74	81	91	88	99
24	86	80	84	86	75	82	82	74	79	91	88	90
25	84	80	81	87	79	83	82	80	81	92	83	90
26	85	80	82	88	84	86	83	81	82	89	33	85
27	84	80	81	86	80	77	86	81	83	91	83	88
28	87	80	85	82	84	77	87	86	87	93	93	88
29	87	90	83	78	70	75	86	81	83	91	73	84
30	---	---	---	77	70	73	---	---	---	---	---	---
31	---	---	---	75	71	73	---	---	---	92	84	90
MONTH	117	56	92	91	70	85	87	65	78	97	65	82

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	97	90	93	116	104	109	103	101	101	117	40	76
2	100	94	97	112	107	108	104	102	102	106	42	68
3	101	94	98	109	97	105	102	94	99	104	61	84
4	100	92	98	102	90	99	105	100	104	111	102	108
5	96	92	95	103	98	100	104	101	102	112	110	110
6	99	92	98	108	100	105	101	94	98	111	104	108
7	100	93	98	109	104	108	107	94	100	114	104	1100
8	102	98	100	---	---	---	108	100	105	128	121	125
9	103	100	101	---	---	---	105	100	102	125	110	115
10	106	98	103	---	---	---	103	100	101	120	110	116
11	104	100	102	107	98	102	104	100	101	131	110	117
12	111	104	108	103	94	97	108	100	104	119	116	117
13	120	109	118	120	100	110	115	100	106	118	115	116
14	120	114	115	118	109	110	102	101	101	115	110	113
15	103	98	101	110	100	106	112	101	107	119	110	113
16	101	90	99	104	100	102	112	100	108	119	116	116
17	102	96	99	106	100	105	111	105	106	124	114	118
18	104	100	102	107	100	105	107	100	104	120	115	117
19	108	97	103	107	100	106	108	100	103	125	114	117
20	107	98	104	108	106	107	110	100	103	133	110	121
21	113	110	110	111	104	108	103	94	100	131	115	121
22	111	110	110	108	105	106	103	90	100	128	115	117
23	109	101	106	108	100	104	103	94	100	132	121	124
24	110	105	109	108	104	105	102	100	101	130	120	124
25	107	103	106	110	104	105	103	100	101	136	120	129
26	109	98	101	108	104	106	105	94	100	146	124	135
27	110	96	102	106	94	103	113	104	108	133	124	128
28	109	103	107	106	100	102	114	110	112	150	130	141
29	110	104	107	106	100	102	---	---	---	147	139	140
30	110	104	107	105	94	100	---	---	---	140	130	136
31	---	---	---	102	94	99	---	---	---	---	---	---
MONTH	120	90	103	120	90	104	115	90	103	150	40	149
YEAR	193	40	111									

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.9	6.8	6.8	6.8	7.2	7.1	7.1	7.0	---	---	6.4	6.3
2	6.8	6.6	6.8	6.8	7.2	7.2	7.0	6.9	---	---	6.4	6.2
3	6.7	6.4	6.8	6.8	7.2	7.1	7.0	6.9	6.6	6.5	6.3	6.3
4	6.7	6.6	7.3	6.7	7.0	7.0	7.0	6.7	6.7	6.5	6.3	6.3
5	6.9	6.7	7.4	7.2	7.0	6.9	6.8	6.7	6.8	6.5	6.3	6.3
6	6.9	6.8	7.4	7.3	7.0	6.9	6.8	6.7	6.8	6.6	6.3	6.3
7	6.9	6.8	7.4	7.3	7.0	6.8	7.0	6.7	6.9	6.5	6.4	6.2
8	6.9	6.8	7.3	7.2	6.9	6.8	7.0	6.9	6.5	6.4	6.4	6.2
9	6.9	6.8	7.3	7.2	6.9	6.9	7.0	6.2	6.6	6.4	6.4	6.4
10	6.8	6.6	7.2	7.0	6.9	6.7	6.6	6.4	6.5	6.4	6.4	6.2
11	6.7	6.7	7.2	7.0	6.8	6.5	6.6	6.5	6.5	6.5	6.3	6.3
12	6.7	6.6	7.1	7.0	6.6	6.6	6.6	6.3	6.5	6.5	6.3	6.3
13	6.8	6.6	7.1	7.0	6.6	6.5	6.6	6.5	6.5	6.5	6.3	6.2
14	6.8	6.8	7.1	7.0	6.6	6.5	6.6	6.6	6.5	6.4	6.3	6.3
15	6.8	6.8	7.0	6.9	6.6	6.4	6.6	6.3	6.5	6.2	6.3	6.3
16	6.8	6.6	6.9	6.8	6.4	6.3	6.5	6.3	6.3	6.2	6.3	6.3
17	6.7	6.6	6.9	6.8	6.4	6.3	6.4	6.4	6.3	6.2	6.4	6.3
18	6.7	6.7	6.9	6.8	6.3	6.3	6.4	6.3	6.2	6.0	6.5	6.4
19	6.9	6.6	6.9	6.8	6.6	6.5	6.4	6.3	6.2	6.2	6.7	6.5
20	6.9	6.8	6.9	6.8	6.7	6.5	6.4	6.4	6.2	6.2	6.7	6.5
21	6.8	6.8	7.0	6.8	6.7	6.7	6.4	6.3	6.2	6.2	6.5	6.4
22	6.9	6.8	7.0	6.9	6.7	6.7	6.4	6.3	6.2	6.2	6.5	6.4
23	6.9	6.8	7.0	6.8	6.8	6.7	6.4	6.3	6.3	6.2	6.5	6.3
24	6.8	6.7	7.0	6.8	6.9	6.8	6.4	6.4	6.2	6.2	6.6	6.3
25	6.7	6.7	7.1	7.0	6.9	6.9	6.5	6.4	6.3	6.2	6.6	6.4
26	6.8	6.7	7.0	6.9	7.0	6.9	6.5	6.4	6.3	6.2	6.7	6.5
27	6.9	6.8	7.1	7.0	7.0	6.9	6.5	6.4	6.3	6.3	6.6	6.2
28	6.9	6.8	7.2	7.0	7.1	6.9	6.5	6.5	6.3	6.3	6.7	6.6
29	6.9	6.9	7.1	7.0	7.1	7.0	---	---	6.3	6.3	6.9	6.7
30	6.9	6.8	7.2	7.1	7.1	7.0	---	---	---	---	6.9	6.7
31	6.8	6.8	---	---	7.1	7.0	---	---	---	---	6.8	6.7
MONTH	6.9	6.4	7.4	6.7	7.2	6.3	7.1	6.2	6.9	6.0	6.9	6.2

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.7	6.7	6.6	6.4	6.4	6.2	6.4	6.4	6.4	6.3	6.5	6.4
2	6.7	6.6	6.5	6.4	6.4	6.4	6.5	6.4	6.4	6.2	6.8	6.4
3	6.6	6.6	6.5	6.5	6.4	6.2	6.5	6.3	6.3	6.2	6.8	6.4
4	6.6	6.1	6.5	6.4	6.4	6.4	6.4	6.3	6.4	6.3	6.5	6.4
5	6.5	5.9	6.5	6.4	6.5	6.4	6.4	6.3	6.4	6.2	6.5	6.5
6	6.5	6.3	6.4	6.4	6.5	6.4	6.4	6.4	6.3	6.2	6.5	6.4
7	6.5	6.4	6.4	6.3	6.5	6.4	6.5	6.4	6.4	6.2	6.6	6.4
8	6.6	6.5	6.3	6.3	6.6	6.4	---	---	6.4	6.3	6.6	6.4
9	6.8	6.6	6.3	6.3	6.5	6.4	---	---	6.4	6.4	6.5	6.4
10	6.8	6.8	6.3	6.3	6.6	6.4	---	---	6.4	6.2	6.6	6.4
11	6.8	6.6	6.3	6.3	6.6	6.4	6.4	6.4	6.4	6.3	6.5	6.4
12	6.6	6.5	6.4	6.3	6.5	6.4	6.4	6.4	6.4	6.3	6.6	6.4
13	6.5	6.5	6.3	6.3	6.5	6.4	6.5	6.1	6.4	6.4	6.6	6.4
14	6.5	6.5	6.4	6.3	6.5	6.4	6.5	6.4	6.4	6.4	6.6	6.6
15	6.6	6.5	6.5	6.4	6.5	6.5	6.5	6.4	6.4	6.4	6.6	6.4
16	6.7	6.4	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	5.7	6.4
17	6.7	6.7	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.6	6.6
18	6.7	6.7	6.5	6.5	6.4	6.4	6.5	6.4	6.4	6.4	6.6	6.6
19	6.8	6.7	6.5	6.4	6.5	6.4	6.5	6.4	6.4	6.4	6.6	6.4
20	6.8	6.6	6.4	6.4	6.5	6.5	6.5	6.4	6.4	6.4	6.6	6.4
21	6.7	6.7	6.4	6.3	6.5	6.5	6.5	6.4	6.4	6.4	6.6	6.6
22	6.8	6.7	6.4	6.3	6.5	6.5	6.5	6.4	6.4	6.4	6.6	6.6
23	6.8	6.7	6.5	6.4	6.5	6.4	6.4	6.2	6.4	6.4	6.6	6.6
24	6.8	6.7	6.5	6.4	6.4	6.4	6.4	6.3	6.5	6.4	6.6	6.6
25	6.8	6.7	6.4	6.4	6.4	6.4	6.4	5.4	6.4	6.4	6.6	6.4
26	6.7	6.6	6.4	6.4	6.5	6.4	6.4	6.4	6.4	6.4	6.6	6.4
27	6.7	6.6	6.4	6.4	6.5	6.4	6.4	6.3	6.5	6.4	6.6	6.6
28	6.7	6.6	6.4	6.2	6.5	6.4	6.3	6.3	6.4	6.4	6.7	6.6
29	6.6	6.4	6.4	6.2	6.5	6.4	6.4	6.3	6.4	6.4	6.7	6.6
30	6.6	6.5	---	---	6.5	6.4	6.4	6.3	6.5	6.4	6.6	6.6
31	---	---	6.4	6.2	---	---	6.4	6.3	6.4	6.4	---	---
MONTH	6.8	5.9	6.6	6.2	6.6	6.2	6.5	6.1	6.5	6.2	6.8	6.4
YEAR	7.4	5.9										

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.0	20.5	22.0	18.0	16.5	17.0	13.0	11.5	12.5	5.5	5.0	5.0
2	23.0	20.0	22.0	17.5	16.0	17.0	13.0	12.5	12.5	5.5	5.0	5.0
3	23.0	20.0	21.5	17.5	16.0	17.0	13.5	12.5	13.0	6.0	5.0	5.5
4	23.5	20.0	22.5	17.5	17.0	17.0	14.0	13.5	14.0	6.0	5.0	5.5
5	24.5	21.0	23.5	17.0	16.0	16.5	14.0	13.5	13.5	6.0	5.0	5.5
6	24.5	23.5	24.0	16.5	15.5	16.0	14.0	13.5	14.0	7.0	5.5	6.0
7	23.5	20.5	21.5	16.0	15.0	15.5	13.5	12.5	13.0	7.5	6.0	6.5
8	22.5	20.0	21.0	16.5	15.0	15.5	12.5	12.0	12.5	6.0	5.5	6.0
9	22.0	21.0	21.5	17.0	15.0	16.0	12.0	11.5	12.0	6.0	5.5	5.5
10	22.0	21.0	21.5	17.5	17.0	17.0	11.5	11.5	11.5	6.0	5.5	6.0
11	21.5	20.5	21.0	17.0	16.0	17.0	12.0	11.0	11.5	6.0	5.5	5.5
12	22.0	20.5	21.5	16.5	15.0	15.5	12.0	12.0	12.0	5.5	5.0	5.5
13	23.0	20.5	22.0	15.0	14.0	14.5	12.5	12.0	12.0	5.5	5.0	5.5
14	22.5	20.0	21.5	14.5	13.0	13.5	12.0	12.0	12.0	6.0	5.5	6.0
15	21.5	20.5	21.0	14.5	13.5	14.0	12.0	11.5	11.5	6.0	5.5	5.5
16	21.0	19.5	20.5	15.0	13.0	14.5	11.5	11.0	11.0	6.0	5.5	6.0
17	20.5	19.5	20.0	14.5	13.5	14.5	11.0	10.5	11.0	6.5	6.0	6.5
18	20.0	19.0	19.5	14.5	13.5	14.0	11.0	10.0	10.5	6.5	6.5	6.5
19	21.0	19.5	20.0	14.5	14.0	14.5	10.5	10.0	10.5	6.5	6.0	6.5
20	21.0	20.0	20.5	14.5	14.0	14.5	10.5	9.5	10.5	6.0	5.5	6.0
21	20.5	19.5	20.0	15.0	14.0	14.5	10.0	9.0	9.5	6.0	5.0	5.5
22	19.5	18.5	19.0	14.5	13.5	14.0	10.0	9.0	9.5	5.5	5.0	5.0
23	19.0	18.5	19.0	14.5	13.5	14.0	10.0	9.5	10.0	5.5	4.5	5.0
24	19.0	18.0	18.5	15.0	13.5	14.5	10.0	8.5	9.5	6.0	5.0	5.5
25	19.5	17.5	18.5	15.0	13.5	14.0	8.5	7.0	8.0	6.0	6.0	6.0
26	20.0	19.0	19.5	13.5	12.5	13.0	7.0	6.5	7.0	6.5	6.0	6.0
27	19.0	18.0	18.5	13.5	11.5	13.0	7.0	6.5	7.0	6.5	6.0	6.5
28	18.5	17.0	18.0	14.0	14.0	14.0	7.5	7.0	7.0	6.5	6.5	6.5
29	18.5	17.0	18.0	14.0	13.5	13.5	7.5	7.0	7.5	---	---	---
30	18.0	17.0	17.5	13.5	12.5	13.0	7.0	6.0	6.5	---	---	---
31	17.5	16.5	17.0	---	---	---	6.0	5.5	5.5	---	---	---
MONTH	24.5	16.5	20.5	18.0	11.5	15.0	14.0	5.5	10.5	7.5	4.5	6.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	9.5	8.5	9.5	15.0	14.0	15.0	---	---	---
2	---	---	---	9.5	8.5	9.5	15.5	14.5	15.0	---	---	---
3	---	---	---	10.0	9.0	9.5	15.5	14.5	15.0	18.5	18.0	18.5
4	7.5	7.0	7.0	10.0	9.0	9.5	15.5	14.5	15.5	19.0	17.5	18.5
5	7.5	7.0	7.0	10.5	10.0	10.5	16.0	14.5	15.5	19.0	17.5	18.5
6	7.0	6.5	7.0	10.5	10.0	10.5	16.0	15.0	15.5	20.0	19.0	19.5
7	6.5	6.0	6.5	10.0	9.5	10.0	16.0	15.5	16.0	20.5	20.0	20.0
8	6.5	6.0	6.5	10.5	9.0	9.5	16.0	15.0	15.5	21.0	20.0	20.5
9	7.0	6.0	6.5	10.0	9.0	9.5	15.5	14.0	14.5	21.0	20.0	20.5
10	7.5	6.5	7.0	10.0	9.0	9.5	15.0	14.0	14.5	21.5	20.0	21.0
11	8.5	7.5	8.0	10.0	9.0	9.5	15.5	14.5	15.0	21.5	20.5	21.0
12	9.0	8.0	8.5	10.5	9.0	10.0	16.0	15.5	16.0	21.5	20.5	21.5
13	9.5	8.5	9.0	10.5	10.0	10.5	16.5	15.5	16.0	22.0	21.5	21.5
14	10.0	9.0	9.5	11.0	10.0	10.5	16.5	15.5	16.5	22.5	20.5	22.0
15	11.0	9.0	10.0	12.0	10.5	11.5	16.5	15.5	15.5	22.5	21.5	22.0
16	10.5	10.0	10.0	12.5	11.5	12.0	15.5	15.0	15.5	22.5	21.0	21.5
17	11.0	9.5	10.5	12.5	12.0	12.5	16.0	15.0	15.5	21.5	20.5	21.0
18	11.5	10.5	11.0	12.5	12.0	12.5	16.0	15.5	16.0	22.5	21.0	22.0
19	11.5	11.0	11.0	13.0	12.0	13.0	16.0	15.5	15.5	23.0	20.0	22.0
20	11.5	11.0	11.5	13.5	12.5	13.0	16.0	15.5	15.5	23.5	22.0	23.0
21	12.0	11.0	11.5	13.0	12.0	13.0	16.0	15.5	15.5	24.5	22.5	23.5
22	12.0	11.0	11.5	13.0	12.0	12.5	16.0	15.5	15.5	24.5	23.5	24.0
23	11.5	11.0	11.5	14.5	12.0	13.5	16.0	15.5	15.5	24.5	23.0	24.0
24	12.0	11.0	11.5	14.5	13.5	14.5	16.5	15.5	16.0	24.0	22.5	23.0
25	12.0	11.0	11.5	15.0	14.5	15.0	17.5	16.0	17.0	24.0	22.5	23.0
26	11.5	10.5	11.0	15.0	14.0	14.5	17.5	17.0	17.5	24.0	23.0	23.5
27	11.5	11.0	11.0	14.5	14.0	14.0	17.5	17.0	17.5	24.5	23.5	24.0
28	11.0	10.0	10.5	16.0	14.5	15.5	18.0	17.0	17.5	24.0	23.5	24.0
29	10.0	9.0	9.5	15.5	14.0	15.0	18.5	18.0	18.5	24.0	23.5	23.5
30	---	---	---	15.0	14.0	14.5	19.0	18.0	18.5	---	---	---
31	---	---	---	15.0	14.0	14.5	---	---	---	29.5	22.5	29.0
MONTH	12.0	6.0	9.5	16.0	8.5	12.0	19.0	14.0	16.0	29.5	17.5	22.0

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.0	28.5	29.5	28.0	27.0	27.5	27.5	27.0	27.5	29.5	27.5	28.5
2	29.5	29.0	29.5	28.0	27.5	27.5	28.0	27.5	27.5	29.5	28.5	29.0
3	29.5	28.5	29.0	28.5	27.0	28.0	28.0	27.0	27.5	29.5	28.5	29.0
4	29.5	28.0	28.5	28.0	26.5	27.5	28.5	27.5	28.0	29.5	28.5	29.0
5	29.0	27.5	28.5	29.5	27.0	28.5	28.5	27.5	28.5	28.5	27.5	28.0
6	29.0	28.5	28.5	29.5	28.0	29.0	29.0	28.0	28.5	27.5	26.5	27.0
7	28.5	27.5	28.0	31.0	28.5	29.5	30.0	28.5	29.0	26.5	24.5	25.5
8	28.0	27.5	27.5	29.5	27.5	28.5	29.0	28.5	29.0	25.5	24.0	25.0
9	28.5	27.5	28.0	---	---	---	29.5	28.5	29.0	25.0	24.5	24.5
10	29.0	28.0	28.5	---	---	---	29.5	29.0	29.0	26.0	25.0	25.5
11	28.5	27.5	28.0	26.5	25.0	26.0	29.0	28.5	28.5	26.5	25.0	25.5
12	28.0	27.5	27.5	26.0	23.5	24.5	29.5	28.0	29.0	27.5	26.0	27.0
13	29.0	27.5	28.0	23.5	22.0	22.5	29.0	28.5	29.0	27.5	27.0	27.5
14	29.5	28.5	29.0	21.5	20.0	21.0	29.5	28.5	29.0	28.0	27.0	27.5
15	29.0	28.5	28.5	20.5	20.0	20.5	29.0	28.5	29.0	28.0	27.0	27.5
16	29.0	27.5	28.5	29.0	27.5	28.5	29.5	28.5	29.0	27.5	25.5	26.5
17	28.0	27.5	28.0	29.0	28.5	28.5	29.5	29.0	29.5	25.5	24.5	25.0
18	27.5	27.0	27.5	28.5	27.5	28.0	30.0	29.0	29.5	24.5	23.5	24.0
19	27.0	26.5	27.0	28.0	27.5	27.5	29.5	28.5	29.0	24.0	22.5	23.5
20	27.5	26.5	27.0	28.5	27.5	28.0	29.5	28.0	29.0	23.5	22.0	23.0
21	27.5	27.0	27.5	29.0	28.0	28.5	29.0	28.0	28.5	24.5	23.0	23.5
22	28.0	27.5	27.5	28.5	27.5	28.0	28.5	27.5	28.0	25.0	23.5	24.5
23	28.0	27.0	27.5	28.0	27.5	27.5	29.0	27.5	28.5	26.0	24.5	25.0
24	28.5	27.5	28.0	29.0	27.5	28.0	29.0	28.0	28.5	26.0	24.5	25.5
25	28.5	27.5	28.5	29.5	28.5	29.0	29.0	28.5	28.5	26.5	25.0	26.0
26	29.0	28.0	28.5	29.0	28.5	28.5	28.5	28.0	28.5	26.5	25.0	26.0
27	30.0	28.5	29.0	29.0	27.5	28.5	28.5	27.5	28.0	25.5	23.5	24.5
28	29.0	28.5	29.0	28.0	27.5	28.0	28.5	27.5	28.0	23.5	21.5	22.5
29	28.5	27.5	28.0	27.5	27.0	27.5	28.5	27.5	28.0	21.5	20.0	21.0
30	28.5	27.5	28.0	27.0	26.5	27.0	28.5	27.0	28.0	20.5	20.0	20.0
31	---	---	---	27.5	26.5	27.0	---	---	---	---	---	---
MONTH	30.0	26.5	28.0	31.0	20.0	27.0	30.0	27.0	28.5	29.5	20.0	25.5
YEAR	31.0	4.5	18.5									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.2	6.9	7.1	9.0	8.4	8.8	8.8	8.6	8.8	12.2	12.0	12.2
2	7.1	6.0	6.8	9.0	8.6	8.8	8.8	8.6	9.8	12.2	11.1	11.8
3	6.7	6.0	6.2	8.8	8.6	8.7	8.8	8.6	8.8	11.9	11.6	11.8
4	6.9	6.0	6.4	8.7	8.5	8.6	8.7	8.5	8.7	11.8	10.8	11.2
5	7.0	6.0	6.7	8.8	8.5	8.7	8.5	8.3	8.5	10.8	10.4	10.6
6	7.0	6.1	6.7	8.6	8.2	8.5	8.6	8.3	8.5	10.6	9.5	10.4
7	6.7	6.0	6.3	8.8	8.5	8.7	8.4	8.1	8.4	10.9	9.6	10.3
8	7.2	6.1	6.9	8.9	8.7	8.9	8.4	8.1	8.3	11.0	10.8	10.9
9	7.2	7.0	7.1	9.0	8.5	8.8	8.7	8.5	8.6	11.7	10.8	11.2
10	7.2	6.9	7.1	8.6	8.4	8.6	8.6	8.3	8.5	11.7	11.3	11.6
11	7.2	7.0	7.2	8.5	8.2	8.4	8.3	8.1	8.3	11.5	11.4	11.5
12	7.3	7.0	7.2	8.8	8.4	8.6	8.3	8.2	8.3	11.5	11.0	11.3
13	7.2	7.0	7.1	9.1	8.7	8.9	8.3	8.1	8.2	11.5	11.1	11.4
14	7.1	6.9	7.1	9.2	8.9	9.2	8.8	8.1	8.5	11.5	11.1	11.4
15	7.4	7.0	7.2	9.2	9.1	9.2	8.5	8.1	8.4	11.1	10.7	10.9
16	7.5	7.2	7.4	9.3	8.6	9.1	8.2	8.0	8.2	10.7	10.5	10.7
17	7.6	7.3	7.5	8.9	8.6	8.8	8.4	8.0	8.3	10.7	10.5	10.6
18	7.9	7.5	7.8	9.1	8.7	8.9	8.7	8.4	8.6	10.9	10.5	10.8
19	8.1	7.6	7.9	8.8	8.1	8.7	9.1	8.7	9.0	10.9	10.6	10.9
20	8.0	7.6	7.9	8.8	8.0	8.6	9.3	9.1	9.2	10.9	10.8	10.9
21	8.0	7.7	7.9	8.7	7.9	8.5	9.6	9.2	9.5	11.0	10.8	10.9
22	8.3	7.7	8.1	8.5	8.4	8.5	10.0	9.5	9.8	11.0	10.8	11.0
23	8.6	8.0	8.3	8.4	8.1	8.3	10.1	9.8	10.1	11.0	10.9	11.0
24	8.2	8.1	8.2	8.4	7.7	8.3	10.2	10.0	10.2	10.9	10.8	10.9
25	8.2	7.7	8.1	8.3	8.1	8.2	10.6	10.1	10.4	10.9	10.6	10.8
26	8.0	7.7	7.9	8.5	8.0	8.3	11.0	10.6	10.9	10.8	10.6	10.8
27	8.3	7.8	8.1	9.0	8.3	8.7	11.5	10.9	11.3	11.0	10.5	10.8
28	8.5	8.1	8.3	8.6	8.3	8.5	11.5	11.4	11.5	---	---	---
29	8.6	8.1	8.4	8.5	8.3	8.5	11.7	11.4	11.7	---	---	---
30	8.6	8.4	8.6	8.7	8.3	8.6	11.9	44.6	11.8	---	---	---
31	8.7	8.4	8.7	---	---	---	12.1	11.7	12.0	---	---	---
MONTH	8.7	6.0	7.5	9.3	7.7	8.7	12.1	8.0	9.4	12.2	9.5	11.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	9.9	9.6	9.9	8.4	8.2	8.3	---	---	---
2	---	---	---	9.9	9.7	9.8	8.6	8.2	8.5	---	---	---
3	---	---	---	9.7	9.5	9.7	8.5	8.4	8.5	8.0	7.9	8.0
4	10.9	10.6	10.8	9.6	9.5	9.6	8.4	8.3	8.4	8.0	7.8	7.9
5	10.9	10.5	10.8	9.5	9.3	9.5	8.4	8.2	8.4	7.8	7.6	7.7
6	10.7	10.3	10.6	9.4	9.3	9.4	8.4	7.9	8.2	7.7	7.5	7.6
7	11.0	10.6	10.8	9.9	9.2	9.6	8.0	7.8	8.0	7.5	7.2	7.4
8	10.9	10.7	10.8	10.0	98.7	9.9	7.9	7.7	7.9	7.2	6.0	6.6
9	11.0	10.7	10.9	10.1	9.8	10.1	7.9	7.6	7.8	6.6	6.0	6.4
10	11.1	10.4	10.8	9.9	9.7	9.8	8.1	7.7	8.0	6.5	6.4	6.5
11	10.9	10.6	10.8	9.7	9.4	9.7	8.3	8.0	8.2	6.6	6.5	6.6
12	10.6	10.2	10.5	9.6	9.4	9.6	8.3	8.1	8.3	6.6	6.4	6.6
13	10.3	10.1	10.3	9.5	9.4	9.5	8.3	8.2	8.3	6.4	6.2	6.3
14	10.4	9.9	10.2	10.3	9.4	9.7	8.2	8.0	8.2	6.6	6.1	6.4
15	10.1	9.5	9.8	9.9	9.6	9.8	8.2	8.0	8.2	6.6	6.3	6.5
16	9.9	9.2	9.5	9.8	8.9	9.4	8.3	8.2	8.3	6.7	6.4	6.6
17	9.4	8.8	9.3	9.2	8.7	8.9	8.6	8.3	8.5	6.6	6.4	6.6
18	8.7	8.4	8.6	8.6	8.3	8.5	8.6	8.4	8.5	6.8	6.6	6.7
19	8.7	8.5	8.7	8.4	8.0	8.3	8.5	8.4	8.5	6.8	6.2	6.6
20	8.7	8.5	8.7	7.9	7.3	7.6	8.4	8.3	8.4	6.3	6.0	6.3
21	8.8	8.5	8.7	8.1	7.6	7.9	8.3	8.0	8.2	6.1	5.9	6.1
22	8.9	8.6	8.8	9.1	8.1	8.3	8.2	7.8	8.1	6.1	5.7	6.0
23	9.0	8.8	9.0	9.4	8.2	8.5	8.2	8.0	8.2	6.0	5.8	6.0
24	10.1	8.9	9.4	9.1	8.2	8.7	8.2	8.0	8.1	6.0	5.8	6.0
25	9.9	9.6	9.9	9.1	8.8	9.0	8.1	7.8	8.0	6.0	5.8	5.9
26	9.7	9.6	9.7	9.1	8.9	9.1	7.8	7.6	7.8	6.2	5.8	6.1
27	9.7	9.4	9.7	9.0	8.6	8.8	8.0	7.5	7.8	6.1	5.7	6.0
28	9.6	9.4	9.6	9.3	8.1	8.4	8.1	7.7	8.0	5.8	5.7	5.8
29	9.7	9.6	9.7	8.2	7.9	8.1	7.5	6.7	7.3	6.1	5.7	6.0
30	---	---	---	8.2	8.0	8.2	7.8	6.6	7.5	---	---	---
31	---	---	---	8.3	8.1	8.3	---	---	---	5.8	5.2	5.5
MONTH	11.1	8.4	9.9	10.3	7.3	9.1	8.6	6.6	8.2	8.0	5.2	6.5

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.5	5.3	5.4	5.4	5.0	5.2	4.9	4.6	4.8	5.2	4.8	5.1
2	5.4	5.1	5.3	5.3	4.9	5.3	4.8	4.6	4.8	6.4	5.0	5.7
3	5.7	5.1	5.4	5.6	4.9	5.4	4.8	4.5	4.7	6.3	5.0	5.8
4	5.4	5.2	5.4	5.3	5.2	5.3	4.8	4.6	4.8	6.3	5.0	5.9
5	5.2	4.8	5.1	5.4	5.2	5.3	4.9	4.6	4.9	6.4	6.0	6.2
6	4.9	4.6	4.8	5.4	4.8	5.1	4.9	4.6	4.8	6.6	6.1	6.4
7	5.1	4.6	5.0	7.4	4.8	6.0	5.0	4.6	4.9	7.2	6.4	6.9
8	5.1	4.5	4.9	6.6	6.3	6.5	5.3	4.6	5.1	7.5	7.2	7.4
9	4.6	4.3	4.5	---	---	---	5.2	5.1	5.2	7.5	7.2	7.4
10	4.7	4.2	4.4	---	---	---	5.2	5.0	5.1	7.3	6.9	7.2
11	4.8	4.2	4.5	6.2	6.0	6.1	5.1	4.9	5.1	7.2	6.7	7.1
12	4.6	4.4	4.5	6.1	6.0	6.1	5.2	5.0	5.1	6.6	6.3	6.5
13	4.9	4.6	4.9	6.4	6.1	6.3	5.3	5.2	5.3	6.4	6.1	6.4
14	4.9	4.6	4.8	6.7	6.4	6.6	5.2	5.1	5.2	6.8	6.3	6.6
15	5.3	4.6	5.1	6.7	6.6	6.6	5.5	5.1	5.3	6.8	6.2	6.6
16	5.8	5.1	5.4	5.3	4.8	5.1	5.3	5.1	5.2	6.6	6.0	6.4
17	5.2	5.1	5.2	4.9	4.6	4.9	5.4	5.1	5.3	7.3	6.4	6.9
18	5.5	5.2	5.5	5.1	4.6	5.0	5.4	5.1	5.3	7.5	7.2	7.4
19	5.5	5.2	5.4	5.1	4.6	4.9	5.5	5.1	5.4	7.8	7.3	7.6
20	5.3	4.8	5.1	4.6	4.3	4.5	5.4	5.2	5.3	7.7	7.5	7.7
21	4.9	4.6	4.8	4.6	4.2	4.4	5.5	5.2	5.4	8.2	7.5	7.9
22	4.8	4.6	4.8	4.8	4.2	4.5	5.3	5.2	5.3	7.9	7.6	7.8
23	4.8	4.5	4.7	4.5	4.4	4.5	5.3	5.1	3.3	7.5	7.2	7.5
24	4.8	4.6	4.8	4.9	4.6	4.9	5.4	5.1	5.2	7.5	7.3	7.4
25	4.9	4.6	4.9	4.9	4.6	4.8	5.3	5.0	5.2	7.4	7.2	7.3
26	4.9	4.6	4.8	5.3	4.6	5.1	5.5	5.2	5.4	7.4	6.0	6.6
27	5.0	4.6	4.9	5.8	5.1	5.4	5.4	2.1	3.7	6.1	6.0	6.1
28	5.6	4.6	5.2	5.4	5.1	5.2	4.6	2.5	3.5	6.4	6.2	6.4
29	5.2	4.9	5.2	5.5	5.1	5.5	5.0	4.6	4.8	6.7	6.4	6.6
30	5.1	4.9	5.1	5.5	5.2	5.4	5.4	2.5	4.9	6.7	6.6	6.6
31	---	---	---	5.3	4.8	5.1	5.2	5.1	5.2	---	---	---
MONTH	5.8	4.2	5.0	7.4	4.2	5.3	5.5	2.1	5.0	8.2	4.8	6.8
YEAR	12.2	2.1	7.7									

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

LOCATION.--Lat 35°04'45", long 81°23'17", York County, Hydrologic Unit 03050105, at Road 55 bridge 3.0 mi northeast of Smyrna and 10.1 mi northwest of York, SC.

DRAINAGE AREA.--24.1 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 565 ft (topographic map).

REMARKS.--Records good, except for period of missing gage-height record Dec. 31 to Jan. 31 and Feb. 6 to Mar. 13, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,360 ft³/s, Dec. 6, 1983, gage height, 11.37 ft; minimum daily 1.1 ft³/s Sept. 20-31, 1981, and Sept. 12-13 and 20, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,360 ft³/s, Dec. 6, gage height, 11.37 ft; minimum daily 1.9 ft³/s Oct. 4, 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	3.4	8.1	18	16	56	37	24	23	22	26	15
2	2.5	3.5	7.5	17	16	46	35	23	22	18	28	14
3	2.1	3.8	19	15	17	38	35	29	21	18	23	14
4	1.9	5.1	340	15	22	36	37	30	19	17	21	14
5	1.9	7.4	34	14	20	270	35	24	18	17	19	14
6	4.0	5.4	510	13	19	340	32	24	18	16	18	13
7	3.4	5.0	53	13	18	140	31	62	17	17	17	12
8	2.9	5.0	27	12	17	90	29	47	17	16	17	12
9	2.8	4.8	20	12	17	55	45	35	16	15	16	12
10	3.1	5.0	18	400	18	42	168	28	16	15	20	12
11	3.2	5.2	26	170	21	39	50	25	16	15	101	12
12	3.9	6.0	184	80	19	36	39	24	15	14	84	11
13	4.7	6.6	41	30	60	60	35	22	15	17	172	11
14	5.4	5.9	28	18	280	41	33	24	14	23	67	11
15	4.5	16	23	13	150	36	31	34	15	19	29	10
16	4.2	14	19	12	80	35	29	34	18	31	23	9.6
17	3.9	8.1	18	12	40	33	29	31	29	23	21	8.6
18	3.6	6.6	16	180	36	32	27	13	25	44	28	9.1
19	3.3	5.9	16	110	30	31	24	13	18	210	115	9.5
20	2.8	6.6	15	60	27	31	23	13	16	30	66	9.5
21	2.9	8.7	15	45	23	37	24	12	18	24	29	9.2
22	3.4	7.1	35	32	21	31	25	11	19	23	24	8.6
23	10	6.8	34	27	200	29	65	65	18	21	22	8.6
24	10	34	23	28	90	29	35	30	19	20	21	8.7
25	5.8	55	22	26	50	34	30	16	19	19	19	8.7
26	4.3	13	22	24	150	31	28	18	16	18	18	8.3
27	3.9	9.6	22	23	240	30	26	19	16	37	18	7.5
28	3.6	9.8	31	22	150	438	26	61	18	41	17	7.5
29	3.7	10	33	21	90	215	25	298	18	83	17	8.3
30	3.7	8.5	22	19	---	52	25	35	22	41	17	11
31	3.4	---	19	17	---	41	---	25	---	29	17	---
TOTAL	121.1	291.8	1700.6	1498	1937	2454	1113	1149	551	953	1130	319.7
MEAN	3.91	9.73	54.9	48.3	66.8	79.2	37.1	37.1	18.4	30.7	36.5	10.7
MAX	10	55	510	400	280	438	168	298	29	210	172	15
MIN	1.9	3.4	7.5	12	16	29	23	11	14	14	16	7.5

CAL YR 1983 TOTAL 10209.6 MEAN 28.0 MAX 510 MIN 1.1
WTR YR 1984 TOTAL 13218.2 MEAN 36.1 MAX 510 MIN 1.9

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

LOCATION.--Lat 35°07'15", long 81°59'10", Spartanburg County, Hydrologic Unit 03050105, on right bank at McMillin Mill, about 400 ft downstream from Obed Creek, 1.4 mi south of Fingerville, and at mile 48.5.

DRAINAGE AREA.--116 mi².

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 715.56 ft above National Geodetic Vertical Datum of 1929. From Nov. 26, 1929 to Nov. 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

REMARKS.--Records good. Some diurnal fluctuation at low and medium flow caused by mill above station.

AVERAGE DISCHARGE.--55 years, 212 ft³/s, 24.82 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft³/s Aug. 14, 1940, gage height, 27.13 ft from rating curve extended above 4,300 ft³/s on basis of computation of peak flow over dam 2.0 mi above station; minimum, 9.0 ft³/s Oct. 6, 1954; minimum daily, 28 ft³/s Oct. 6, 7, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Feb. 14	1500	*3,700	*13.12	No other peak greater than base discharge.			

Minimum discharge, 42 ft³/s Sept. 17, gage height 2.92 ft; minimum daily, 77 ft³/s Oct. 8, 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86	97	158	197	178	299	276	272	207	249	375	141
2	86	97	148	186	173	273	259	251	199	218	576	135
3	82	97	185	180	173	256	264	479	194	219	383	133
4	79	96	1030	175	174	241	359	924	188	197	303	132
5	79	95	699	171	167	308	459	470	191	197	262	129
6	87	93	739	168	168	344	333	365	230	221	245	125
7	79	94	530	163	162	320	293	583	189	261	257	123
8	77	94	298	157	157	286	273	578	181	215	227	122
9	77	94	242	154	158	262	416	456	177	194	211	120
10	82	97	212	210	158	250	1080	361	173	185	213	120
11	86	103	238	409	160	244	607	323	171	178	207	118
12	175	94	972	259	157	235	385	300	172	174	200	122
13	178	92	563	218	557	308	330	284	182	194	275	114
14	146	93	311	200	2580	286	304	273	172	447	420	112
15	114	161	262	189	1070	255	291	259	176	271	225	110
16	103	204	226	182	379	244	274	248	175	240	202	106
17	98	139	206	176	298	236	261	241	261	282	195	96
18	95	119	191	226	267	230	253	235	217	648	172	106
19	94	112	182	326	251	228	248	231	188	393	202	107
20	91	118	173	245	229	228	249	226	175	286	179	107
21	92	143	170	214	219	310	256	219	175	252	168	105
22	98	121	278	194	210	254	275	222	228	261	165	103
23	190	114	240	186	357	233	545	265	298	235	162	101
24	207	351	205	293	331	225	354	229	223	214	158	102
25	139	480	169	417	266	260	302	213	220	227	153	102
26	117	267	173	281	238	236	279	209	189	205	185	99
27	108	196	178	244	527	226	269	206	185	257	175	95
28	103	212	280	222	638	492	279	283	185	247	158	97
29	100	230	348	208	365	618	261	333	250	312	164	100
30	98	177	247	196	---	369	263	246	336	356	154	111
31	97	---	208	186	---	303	---	217	---	334	150	---
TOTAL	3343	4480	10061	6832	10767	8859	10297	10001	6107	8169	7121	3393
MEAN	108	149	325	220	371	286	343	323	204	264	230	113
MAX	207	480	1030	417	2580	618	1080	924	336	648	576	141
MIN	77	92	148	154	157	225	248	206	171	174	150	95

CAL YR 1983 TOTAL 92938 MEAN 227 MAX 1330 MIN 77
WTR YR 1984 TOTAL 89430 MEAN 244 MAX 2580 MIN 77

02154950 LAKE WILLIAM C. BOWEN NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'45", long 82°02'26", Spartanburg County, Hydrologic Unit 03050105, at bridge on State Highway 9, 1.7 mi upstream from the dam and 2.8 mi southwest of Fingerville.

DRAINAGE AREA.--79.4 mi².

PERIOD OF RECORD.--October 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Spartanburg Water Works datum).

REMARKS.--Reservoir is formed by concrete dam, completed in 1960. Capacity is 7,400,000,000 gal. Spillway crest is 815 ft NGVD. Water used as inflow to South Pacolet River Reservoir, capacity, 1,104,000,000 gal.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 817.44 ft Oct. 9, 1976; minimum, 809.28 ft Nov. 30, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 815.83 ft May 4; minimum, 811.50 ft Jan. 23.

Capacity table (elevation, in feet) and usable contents
(in billions of gallons)
(Prepared from curve by Wiedeman and Singleton Engineers of Atlanta, Ga)

811 ft	5.45
812 ft	5.90
813 ft	6.35
814 ft	6.80
815 ft	7.30
816 ft	7.80

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	813.43	813.61	814.75	813.20	812.50	815.06	814.43	815.15	815.07	815.22	815.39	815.05
2	813.41	813.61	814.62	813.00	812.45	814.97	814.33	815.21	815.04	815.20	815.35	814.99
3	813.38	813.60	814.80	813.90	812.41	814.86	814.30	815.64	815.01	815.14	815.28	815.04
4	813.37	813.59	815.67	812.80	812.37	814.75	814.36	815.66	814.99	815.17	815.24	814.99
5	813.35	813.57	815.37	812.50	812.31	814.86	814.35	815.40	814.95	815.19	815.16	815.03
6	813.33	813.56	815.78	812.30	812.26	814.88	814.29	815.44	814.93	815.18	815.16	815.13
7	813.29	813.55	815.41	812.20	812.18	814.91	814.19	815.49	814.88	815.22	815.11	815.13
8	813.26	813.53	815.23	811.90	812.11	814.79	814.09	815.49	814.84	815.16	815.07	815.12
9	813.25	813.55	815.12	811.70	812.04	814.70	814.14	815.34	814.79	815.15	815.08	815.13
10	813.22	813.55	815.05	811.74	811.97	814.57	815.04	815.27	814.74	815.14	815.05	815.11
11	813.25	813.54	815.31	811.90	811.91	814.45	815.18	815.23	814.72	815.13	815.09	815.09
12	813.45	813.52	815.53	811.90	811.85	814.32	815.12	815.19	814.75	815.14	815.01	815.07
13	813.52	813.53	815.27	811.70	813.18	814.37	815.02	815.18	814.72	815.38	815.19	815.04
14	813.53	813.53	815.17	811.70	815.52	814.38	815.00	815.14	814.70	815.33	815.56	815.02
15	813.52	813.79	815.15	811.74	815.42	814.41	814.96	815.12	814.65	815.28	815.30	814.97
16	813.50	813.88	815.08	811.74	815.30	814.42	814.80	815.11	814.60	815.28	815.08	814.93
17	813.49	813.90	814.93	811.74	815.21	814.44	814.70	815.09	814.57	815.41	815.12	814.88
18	813.48	813.92	814.77	811.90	815.16	814.44	814.70	815.08	814.55	815.52	815.05	814.84
19	813.46	813.93	814.61	811.90	815.13	814.45	814.75	815.08	814.59	815.35	815.09	814.81
20	813.44	814.01	814.41	811.90	815.06	814.57	814.80	815.05	814.63	815.28	815.05	814.79
21	813.43	814.04	814.33	811.90	814.93	814.63	814.80	815.04	814.67	815.23	815.07	814.76
22	813.46	814.05	814.30	811.70	814.82	814.60	815.02	815.10	814.83	815.22	815.03	814.72
23	813.65	814.06	814.18	811.50	815.02	814.47	815.24	815.21	814.92	815.20	815.06	814.69
24	813.70	814.65	814.10	811.70	815.02	814.36	815.24	815.16	815.05	815.19	815.05	814.67
25	813.71	815.01	814.00	812.00	814.91	814.29	815.20	815.12	815.09	815.18	815.01	814.63
26	813.70	815.07	814.00	812.20	814.80	814.17	815.16	815.08	815.11	815.18	815.04	814.57
27	813.68	815.07	813.60	812.20	815.29	814.07	815.19	815.06	815.14	815.20	815.06	814.50
28	813.66	815.10	813.44	812.30	815.32	814.42	815.17	815.25	815.14	815.29	815.04	814.43
29	813.66	815.00	813.60	812.30	815.24	814.61	815.16	815.20	815.24	815.36	815.05	814.38
30	813.64	814.89	813.44	812.30	---	814.60	815.16	815.13	815.28	815.35	815.07	814.45
31	813.62	---	813.36	812.50	---	814.53	---	815.10	---	815.35	815.07	---
MAX	813.71	815.10	815.78	813.90	815.52	815.06	815.24	815.66	815.28	815.52	815.56	815.13
MIN	813.22	813.52	813.36	811.50	811.85	814.07	814.09	815.04	814.55	815.13	815.01	814.38
(+)	6.47	7.24	6.51	6.12	7.42	7.06	7.38	7.35	7.44	7.48	7.34	7.02
(*)	-3.99	39.71	-36.43	-19.46	69.36	17.97	16.50	-1.50	4.64	2.00	-6.99	16.50

CAL YR 1983 * 1.99 MAX 815.78 MIN 813.22
WTR YR 1984 * -3.72 MAX 815.78 MIN 811.50

(+) CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'35", long 81°57'35", Spartanburg County, Hydrologic Unit 03050105, on right bank 100 ft upstream from bridge on State Road 55, 0.2 mi downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 mi southeast of Fingerville, and at mile 46.5.

DRAINAGE AREA.--212 mi².

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303 .

REVISED RECORDS.--WSP 1303: 1930-39 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 706.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (see preceding page) Some diurnal fluctuation caused by mill on North Pacolet River. About 42.0 ft³/s per day diverted above station for City of Spartanburg water supply during water year.

AVERAGE DISCHARGE.--55 years, 354 ft³/s, 22.68 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,800 ft³/s Aug. 14, 1940, gage height, 22.43 ft, from rating curve extended above 9,600 ft³/s by velocity-area studies; minimum daily, 32 ft³/s Oct. 6, 7, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1903 reached a stage of 46 ft from floodmark (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,060 ft³/s Feb. 14, gage height, 6.51 ft; minimum daily, 106 ft³/s Oct. 3, 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	112	125	327	461	269	500	547	455	360	466	717	223
2	112	125	363	448	274	440	489	460	345	371	1070	200
3	106	125	364	430	309	400	524	1010	340	321	722	223
4	109	124	1770	377	315	380	614	2200	330	260	600	188
5	106	123	1680	427	313	480	625	1230	335	269	471	183
6	112	122	1860	435	360	540	439	866	398	297	358	130
7	126	122	1630	413	302	520	392	1370	282	350	304	174
8	134	123	842	356	296	460	364	1310	248	318	274	168
9	154	127	597	373	295	420	748	1010	322	283	264	161
10	181	115	513	496	295	400	1670	724	334	220	253	161
11	204	113	538	804	296	380	1120	673	284	218	263	166
12	292	125	1760	568	293	360	781	642	296	196	292	178
13	267	123	1410	396	809	480	679	621	311	219	739	141
14	209	121	775	301	3070	440	644	535	272	798	1520	136
15	143	200	567	287	1930	390	620	446	328	567	539	158
16	130	269	528	278	971	381	619	412	330	499	486	152
17	127	176	471	269	714	370	594	410	390	583	417	145
18	123	151	443	372	602	350	478	403	357	1370	346	158
19	120	134	394	625	520	350	393	400	282	751	286	175
20	120	123	448	569	440	380	404	390	245	575	225	157
21	119	153	418	459	400	491	427	380	229	475	207	149
22	126	145	542	420	380	357	505	390	279	423	227	156
23	218	145	561	314	560	484	970	460	375	333	299	140
24	273	533	468	452	520	524	716	410	271	302	258	148
25	227	754	421	620	440	538	637	370	265	286	209	144
26	150	418	406	444	400	453	489	360	228	271	229	147
27	140	312	439	328	650	445	425	350	227	346	220	138
28	135	378	600	300	840	861	455	500	220	354	212	148
29	130	462	678	321	1000	1090	428	580	366	601	280	137
30	127	304	476	320	---	734	426	450	535	707	251	210
31	125	---	447	279	---	584	---	380	---	650	240	---
TOTAL	4767	6366	22736	12942	17863	14982	18222	20197	9384	13679	12820	4944
MEAN	154	212	733	417	616	483	607	652	313	441	414	165
MAX	282	754	1860	804	3070	1090	1670	2200	535	1370	1520	223
MIN	106	113	327	269	269	350	364	350	220	196	207	136

CAL YR 1983	TOTAL	145176	MEAN	398	MAX	2710	MIN	84
WTR YR 1984	TOTAL	158902	MEAN	434	MAX	3070	MIN	106

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'31", long 82°04'27", Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co. Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from the confluence with Meadow Creek.

DRAINAGE AREA.--6.46 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 838 ft (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--5 years, 9.86 ft³/s, 20.73 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 213 ft³/s May 23, 1980, gage height, 7.86 ft; minimum daily, 2.0 ft³/s Oct. 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 196 ft³/s Aug. 14, gage height, 7.53 ft; minimum daily, 3.4 ft³/s Oct. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	5.1	8.6	7.8	8.1	13	12	9.9	12	8.9	29	6.7
2	3.9	5.2	8.1	7.7	7.8	12	11	15	11	9.2	25	6.4
3	3.7	5.4	21	7.6	8.1	10	14	61	11	8.5	14	6.2
4	3.4	5.8	72	7.6	8.8	9.5	16	35	10	8.1	12	6.0
5	3.6	6.1	18	7.6	7.4	30	13	16	9.4	10	11	5.9
6	3.7	6.4	79	7.6	7.8	29	12	38	8.9	9.2	9.7	5.3
7	3.7	6.3	22	7.5	6.9	26	11	47	8.4	7.6	9.1	6.2
8	3.8	6.2	14	7.3	6.8	17	10	38	7.9	6.7	8.6	5.9
9	4.3	6.3	11	7.3	6.6	13	43	18	7.6	6.4	8.3	5.9
10	4.8	6.8	9.7	29	6.3	12	39	15	7.3	6.2	10	5.7
11	6.0	6.6	28	24	6.4	11	18	13	7.5	5.9	9.6	5.7
12	14	6.7	59	11	6.1	10	14	12	7.0	6.5	11	5.6
13	7.5	7.0	18	9.8	57	24	13	11	6.8	7.8	25	5.5
14	4.9	6.9	15	9.3	81	14	12	10	6.6	9.3	71	5.6
15	4.4	22	12	9.2	22	11	11	9.5	6.5	10	17	5.5
16	4.2	11	11	9.1	14	9.9	11	9.1	5.8	13	14	5.4
17	4.3	7.4	11	8.6	11	9.5	10	9.7	6.1	20	12	5.3
18	4.1	6.7	9.9	18	9.0	9.5	10	10	5.8	36	11	5.2
19	4.2	6.4	9.7	20	8.2	9.4	10	11	5.4	14	11	5.5
20	4.2	9.4	9.1	11	7.4	12	12	10	5.2	12	9.6	5.6
21	4.4	7.9	9.4	9.6	6.7	22	11	10	5.2	11	9.0	5.3
22	5.1	6.9	16	9.3	6.1	12	17	14	13	19	8.8	5.1
23	16	6.7	9.3	9.1	34	11	24	55	7.4	11	8.8	5.0
24	6.3	41	8.3	15	13	10	13	17	8.2	9.5	8.4	5.1
25	5.2	25	8.1	11	8.8	14	12	13	6.2	9.1	7.9	5.1
26	4.6	12	8.2	9.4	7.5	11	11	11	5.2	8.8	7.6	4.9
27	4.5	9.8	7.9	9.1	57	11	12	11	9.4	16	7.3	5.0
28	4.5	15	23	8.9	29	46	11	34	7.0	13	7.0	5.4
29	4.3	11	12	8.9	18	27	10	37	16	24	8.4	5.5
30	4.9	9.3	9.0	8.6	---	15	11	15	11	26	7.5	12
31	5.1	---	7.9	8.4	---	13	---	13	---	18	7.0	---
TOTAL	161.6	294.3	565.2	334.3	476.8	483.8	434	628.2	244.8	380.7	415.6	174.0
MEAN	5.21	9.81	18.2	10.8	16.4	15.6	14.5	20.3	8.16	12.3	13.4	5.80
MAX	16	41	79	29	81	46	43	61	16	36	71	12
MIN	3.4	5.1	7.9	7.3	6.1	9.4	10	9.1	5.2	5.9	7.0	4.9

CAL YR 1983 TOTAL 3789.0 MEAN 10.4 MAX 79 MIN 3.0
WTR YR 1984 TOTAL 4593.3 MEAN 12.5 MAX 81 MIN 3.4

02156450 NEALS CREEK NEAR CARLISLE, SC

LOCATION.--Lat 34°39'53", long 81°27'28", Union County, Hydrologic Unit 03050106, at road 86 bridge, 5.1 mi north of Carlisle, and 10.3 mi southeast of Union.

DRAINAGE AREA.--12.3 mi², approximately.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 320 ft (from topographic map).

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,090 ft³/s Jan. 10, 1984, gage height 8.97 ft; minimum daily discharge, 0.81 ft³/s Sept. 30, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,090 ft³/s Jan. 10, gage height, 8.97 ft; minimum daily discharge, 0.91 ft³/s Oct. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	2.2	3.9	12	10	26	18	14	5.7	4.7	7.6	2.1
2	1.0	2.2	3.6	10	9.7	22	16	15	5.4	4.9	3.9	2.0
3	.95	2.3	43	9.0	10	19	19	108	5.2	6.1	7.5	2.1
4	.91	2.3	94	8.2	17	17	19	83	5.0	4.6	5.4	2.4
5	1.3	2.3	16	8.0	14	98	19	29	5.1	7.3	4.6	2.4
6	1.4	2.1	269	7.4	12	190	15	129	4.9	6.5	4.3	2.1
7	1.4	2.3	25	6.8	11	81	14	232	4.6	6.8	4.1	1.9
8	1.5	2.4	5.9	6.7	10	42	13	65	4.5	5.3	3.8	1.8
9	1.6	2.5	2.6	6.7	9.8	28	16	36	4.2	4.2	3.4	1.8
10	1.8	2.8	1.7	291	9.8	22	64	23	4.0	4.2	4.5	1.9
11	1.7	2.6	10	231	12	20	31	18	4.1	4.0	7.2	1.8
12	2.1	2.6	81	37	11	18	21	15	3.9	4.0	4.4	1.6
13	2.2	2.6	23	15	82	31	17	12	3.8	5.4	4.6	1.6
14	1.9	3.0	12	7.7	151	24	18	11	3.9	12	4.1	1.6
15	1.8	10	8.5	4.1	193	20	18	9.3	3.9	6.1	3.5	1.5
16	1.7	7.3	5.4	3.3	35	18	15	8.7	3.6	5.2	3.6	1.3
17	1.6	4.1	4.3	2.9	20	17	13	8.0	3.9	4.7	3.8	1.4
18	1.4	3.4	3.8	58	17	16	12	7.6	3.9	8.0	3.3	1.5
19	1.4	3.1	4.0	135	16	14	13	7.5	3.2	5.7	3.3	1.6
20	1.3	4.0	3.5	36	14	15	18	7.2	2.8	4.6	3.1	1.5
21	1.5	4.0	3.8	22	13	20	19	6.6	3.8	4.1	2.9	1.4
22	2.3	3.1	38	16	12	14	22	6.9	9.2	3.9	2.7	1.3
23	5.6	2.9	28	14	126	12	59	8.0	5.6	3.9	2.7	1.2
24	4.1	9.2	15	15	49	12	30	7.0	4.8	3.3	2.9	1.3
25	2.7	20	11	16	29	14	20	6.5	4.8	3.6	2.8	1.4
26	2.4	7.7	11	13	22	12	16	6.7	4.1	3.6	3.5	1.1
27	2.3	6.2	9.2	13	169	11	15	6.3	4.2	4.0	3.4	.95
28	2.1	6.9	27	13	77	71	17	14	4.8	4.0	3.0	1.3
29	2.2	6.0	33	11	39	76	14	9.6	7.7	17	2.7	1.7
30	2.1	4.5	19	11	---	30	13	7.4	6.1	9.5	2.7	2.6
31	2.2	---	14	11	---	21	---	6.1	---	6.5	2.4	---
TOTAL	59.56	136.6	829.2	1050.8	1200.3	1031	614	923.4	140.7	179.2	126.5	50.05
MEAN	1.92	4.55	26.7	33.9	41.4	33.3	20.5	29.8	4.69	5.78	4.08	1.67
MAX	5.6	20	269	291	193	190	64	232	9.2	17	8.9	2.6
MIN	.91	2.1	1.7	2.9	9.7	11	12	6.1	2.8	3.6	2.4	.95

CAL YR 1983	TOTAL	5960.99	MEAN	16.3	MAX	269	MIN	.81
WTR YR 1984	TOTAL	6341.31	MEAN	17.3	MAX	291	MIN	.91

02156500 BROAD RIVER NEAR CARLISLE, SC

LOCATION.--Lat 34°35'46" long 81°25'20", Union County, Hydrologic Unit 03050106, on right bank at downstream side of bridge on State Highway 72, 1.3 mi upstream from Sandy River, 2.0 mi downstream from Seaboard Coast Line Railroad bridge, 2.5 mi east of Carlisle, 5.0 mi downstream from Neals Shoals Dam, and at mile 226.0.

DRAINAGE AREA.--2,790 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303 .

REVISED RECORDS.--WSP 892: 1939(M), drainage area.

GAGE.--Water-stage recorder. Datum of gage is 290.79 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

AVERAGE DISCHARGE.--46 years, 4,069 ft³/s, 19.80 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 123,000 ft³/s Oct. 10, 1976, gage height, 31.51 ft, from rating curve extended above 66,000 ft³/s on basis of computation of peak flow over Neals Shoals Dam; minimum, 37 ft³/s, Aug. 29, 1955; minimum daily, 44 ft³/s Sept. 2, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 25,000 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)
Dec. 7	1200	30,000	14.99
Feb. 15	1600	*41,500	*18.40

Minimum discharge, 215 ft³/s Oct. 17; minimum daily, 1100 ft³/s Oct. 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1300	1420	3070	5050	4000	15800	7200	4720	6180	5020	5720	2610
2	1410	1530	2700	4750	3810	13000	6200	4590	5050	4290	7130	2240
3	1310	1940	3190	4270	3720	11300	5730	5200	4580	3450	7940	2260
4	1500	1570	7720	3280	3630	6000	5330	8900	4180	3200	6050	2080
5	1400	1690	17300	3700	3700	5700	6270	11300	4040	3420	4570	2190
6	1100	1610	16000	3680	3770	5400	8130	10300	3690	3250	4040	2230
7	1410	1730	27800	3560	3420	23000	7080	9740	3710	3300	3570	2070
8	1220	1450	14100	3480	3170	15000	5940	12000	3330	3420	3650	2250
9	1410	1850	7030	2840	3240	11000	5420	13500	3180	3240	3270	2440
10	1140	1480	5510	3970	3230	7500	9550	12200	3210	3270	2740	1700
11	1550	1660	4800	19400	3260	5500	21100	10100	3130	2330	3740	2490
12	1300	1990	8380	15500	3190	4700	13100	8540	3220	2150	3990	2000
13	2720	1620	18200	7200	3290	4300	8910	7610	2910	2590	5540	2000
14	3230	1670	11600	5350	17500	11000	7600	8500	2730	3000	8190	1970
15	3420	1990	7450	4720	39500	7500	6680	6500	2910	3780	8280	1330
16	2540	2310	6050	4110	24400	5000	6120	4600	2940	3860	5480	1840
17	1420	2710	4790	3840	9900	4400	5540	4900	3160	4460	3940	1980
18	1170	2220	4300	3840	8430	4000	5150	5000	3570	6280	3830	1830
19	2250	1830	3890	6450	7530	3700	5230	5100	3780	9800	3470	1710
20	1670	2020	3670	9320	6050	10000	5050	5500	3030	6520	3160	1540
21	1450	1970	3560	7830	5110	7000	5110	6200	3140	4810	3290	1490
22	1530	1540	3900	6170	4430	5000	5040	5200	3150	3900	3020	2130
23	2170	2110	5940	5440	6610	4500	6360	4480	3170	3630	2390	1420
24	2190	2860	6410	4950	10300	4200	9120	4730	4230	3800	2760	1960
25	3040	4900	5180	4740	7890	7000	7060	5600	3800	3350	2910	1770
26	2490	7590	4490	5480	6290	8000	5660	5360	3620	2870	2820	1750
27	2070	5020	3840	5770	6720	6400	5370	4830	2990	3040	2070	1860
28	2110	3450	3730	5650	15400	6000	5050	4830	3190	3580	2470	1440
29	1650	3090	4740	5270	19000	12200	4890	10200	2970	5590	2730	1840
30	1770	3320	6850	4830	---	18900	4880	18600	4300	7850	2500	2050
31	1990	---	6250	4370	---	9920	---	8530	---	5980	2630	---
TOTAL	56930	72140	232440	178810	240490	262920	209870	237360	107090	129030	128390	58970
MEAN	1836	2405	7498	5768	8293	8481	6996	7657	3570	4162	4142	1966
MAX	3420	7590	27800	19400	39500	23000	21100	18600	6180	9800	8280	2610
MIN	1100	1420	2700	2840	3170	3700	4880	4480	2730	2150	2070	1420

CAL YR 1983 TOTAL 1616340 MEAN 4428 MAX 27800 MIN 1100
WTR YR 1984 TOTAL 1914440 MEAN 5231 MAX 39500 MIN 1100

02156500 BROAD RIVER NEAR CARLISLE, SC–Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 239 microsiemens Aug. 24, 1983; minimum, 17 microsiemens Feb. 16, 1983.
pH: Maximum, 9.1 units Dec. 29, 1978; minimum, 5.5 units Sept. 19, 1978.
WATER TEMPERATURE: Maximum, 35.0°C Aug. 5, 1981; minimum, 0.5°C Jan. 19, 1977.
DISSOLVED OXYGEN: Maximum, 14.4 mg/L Feb. 10, 1980; minimum, 3.6 mg/L May 1, 2, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 150 microsiemens Oct. 20; minimum, 34 microsiemens Jan. 10.
pH: Maximum, 7.7 units Oct. 20; minimum, 6.3 units Jan. 10, 11, Feb. 9, 10, 28.
WATER TEMPERATURE: Maximum, 30.6°C July 12; minimum, 1.5°C Dec. 27.
DISSOLVED OXYGEN: Maximum, 12.9 mg/L Dec. 27; minimum, 4.5 mg/L Aug. 10.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	95	90	93	92	89	90	60	57	58	59	56	57
2	97	88	91	93	88	90	64	60	61	61	59	60
3	105	95	98	97	90	94	73	58	63	62	48	56
4	106	101	104	97	89	93	64	49	56	52	49	51
5	107	104	105	96	89	93	50	41	44	53	51	52
6	110	108	109	103	97	98	46	35	39	61	53	56
7	109	100	105	104	100	102	41	38	---	63	59	61
8	106	100	103	106	100	105	---	---	---	66	62	63
9	105	100	102	103	97	99	52	46	50	69	65	67
10	111	102	105	105	91	101	55	52	54	75	34	56
11	110	105	108	94	90	92	62	51	56	48	37	42
12	111	109	110	95	92	94	55	47	52	53	47	49
13	113	106	109	98	91	95	45	37	39	56	54	55
14	106	80	93	93	87	90	44	40	42	60	55	58
15	79	75	77	95	89	91	49	45	47	65	60	63
16	76	71	74	99	95	97	74	50	62	68	64	65
17	135	75	89	102	97	100	76	72	74	69	67	67
18	137	70	85	95	81	85	78	76	77	70	56	65
19	86	74	78	85	81	84	77	75	76	58	51	55
20	150	86	96	87	83	85	75	70	72	60	55	58
21	86	81	84	94	86	90	73	72	72	61	59	60
22	90	85	87	96	86	93	74	69	71	64	61	62
23	106	50	95	94	89	91	75	68	71	65	64	64
24	97	94	95	93	78	87	67	62	66	68	65	66
25	101	85	96	78	72	74	63	62	63	69	66	67
26	101	70	79	73	57	63	63	61	63	67	60	63
27	75	70	72	57	54	56	63	60	61	63	61	62
28	82	76	77	58	55	56	69	61	64	65	62	63
29	86	82	84	58	56	58	63	60	62	68	65	66
30	89	86	88	60	58	59	60	56	58	69	66	66
31	95	86	89	---	---	---	56	56	56	69	67	67
MONTH	150	50	93	106	54	87	78	35	60	75	34	60

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	69	67	67	59	56	58	---	---	---	66	64	64
2	72	67	69	62	57	61	---	---	---	---	---	---
3	73	70	71	64	62	63	---	---	---	---	---	---
4	75	70	71	66	63	64	---	---	---	---	---	---
5	77	71	75	65	52	62	---	---	---	---	---	---
6	76	70	73	53	45	48	---	---	---	---	---	---
7	77	70	72	53	49	50	---	---	---	57	51	54
8	75	70	73	56	51	54	---	---	---	57	50	52
9	77	70	73	59	57	57	---	---	---	52	50	51
10	76	71	74	60	57	59	---	---	---	54	50	52
11	76	75	75	62	59	60	54	45	49	57	54	55
12	80	76	77	60	60	60	44	35	39	59	57	58
13	---	---	---	60	58	59	46	41	43	60	59	59
14	---	---	---	62	49	56	49	46	46	61	59	60
15	---	---	---	52	49	51	53	49	52	62	59	60
16	49	48	49	56	51	55	56	53	55	64	60	62
17	52	50	51	56	54	55	57	56	56	68	63	65
18	55	50	53	56	54	55	57	56	57	71	68	69
19	59	55	57	55	54	55	62	57	60	69	67	68
20	62	59	60	55	49	53	64	60	62	70	68	68
21	59	59	59	53	52	52	65	63	63	71	67	68
22	62	59	60	56	53	54	68	64	65	71	65	67
23	66	54	57	56	54	55	65	62	63	70	65	68
24	60	55	58	55	53	53	66	57	61	75	68	70
25	60	57	58	53	51	52	57	50	53	67	65	65
26	59	57	58	54	53	53	55	50	53	74	65	69
27	60	49	55	52	47	49	61	55	58	75	70	73
28	47	41	44	53	47	51	62	61	61	71	66	67
29	56	46	51	---	---	---	66	61	64	67	46	56
30	---	---	---	---	---	---	69	65	66	51	44	47
31	---	---	---	---	---	---	---	---	---	57	51	54
MONTH	80	41	63	66	45	56	69	35	56	75	44	62

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	60	57	59	74	68	69	58	56	57	80	71	76
2	67	61	64	68	63	64	---	---	---	79	75	77
3	70	67	68	64	61	62	---	---	---	79	73	75
4	68	66	67	67	62	65	---	---	---	80	71	75
5	67	65	66	69	60	66	---	---	---	75	69	72
6	71	66	67	65	62	63	---	---	---	90	70	73
7	72	68	69	68	65	66	---	---	---	83	77	80
8	73	70	71	67	65	65	---	---	---	106	77	82
9	79	71	76	67	60	64	---	---	---	83	77	80
10	82	78	80	60	59	59	---	---	---	106	77	83
11	79	71	75	66	59	62	---	---	---	81	76	78
12	72	67	70	72	66	68	---	---	---	90	74	76
13	71	67	69	76	68	71	62	59	61	79	75	77
14	75	69	72	75	71	73	58	50	52	83	74	77
15	85	71	76	75	71	73	51	48	49	86	80	82
16	87	76	81	71	64	67	55	49	52	86	80	83
17	81	76	78	69	64	67	62	55	58	85	80	82
18	79	75	76	65	60	63	64	60	61	82	77	79
19	77	66	71	64	55	58	65	62	63	95	77	88
20	69	64	65	63	57	59	67	64	65	91	88	89
21	72	67	69	63	57	59	67	62	65	90	82	87
22	82	73	78	68	63	64	64	61	63	88	84	86
23	82	80	80	70	67	68	65	63	63	87	82	83
24	80	68	75	68	65	66	70	66	68	84	75	80
25	68	61	64	67	63	64	73	69	71	90	83	87
26	64	60	63	73	68	71	76	70	74	89	80	84
27	64	61	63	84	71	80	91	73	77	82	79	80
28	72	63	69	84	77	79	75	70	73	80	76	77
29	81	70	75	78	64	73	75	70	72	82	77	78
30	82	74	77	65	54	59	72	70	71	87	80	83
31	---	---	---	58	55	56	75	70	72	---	---	---
MONTH	87	57	71	84	54	66	91	48	64	106	69	80
YEAR	150	34	69									

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.0	6.9	7.1	7.0	6.8	6.7	6.6	6.5	7.0	7.0	6.6	6.6
2	7.0	6.8	7.1	6.9	6.9	6.7	6.5	6.5	7.1	6.9	6.7	6.6
3	7.0	6.8	7.0	6.9	6.8	6.7	7.0	6.4	7.0	6.8	6.8	6.7
4	7.0	6.8	6.9	6.9	6.8	6.5	6.8	6.8	6.8	6.7	6.8	6.8
5	7.0	6.8	7.0	6.9	6.5	6.4	6.8	6.8	6.7	6.7	6.9	6.8
6	7.0	6.8	7.0	6.8	6.7	6.4	6.8	6.8	6.7	6.5	6.8	6.6
7	7.3	6.7	6.9	6.8	6.6	6.6	6.8	6.8	6.5	6.5	6.8	6.7
8	7.3	7.1	7.1	6.8	---	---	6.8	6.8	6.5	6.4	6.9	6.8
9	7.1	7.0	7.0	6.8	6.9	6.8	6.9	6.7	6.4	6.3	6.9	6.9
10	7.2	7.0	7.0	6.8	7.0	6.9	6.8	6.3	6.5	6.3	6.9	6.9
11	7.1	7.0	7.1	6.9	7.0	6.9	6.5	6.3	6.5	6.4	7.0	6.9
12	7.1	7.0	7.2	7.0	7.0	6.9	6.8	6.5	6.7	6.6	7.0	6.9
13	7.1	7.0	7.2	7.0	7.0	6.8	6.7	6.6	---	---	7.0	6.9
14	7.0	6.9	7.2	7.1	7.0	6.9	6.8	6.7	---	---	7.1	6.7
15	6.9	6.9	7.2	7.1	6.9	6.9	6.9	6.8	---	---	6.7	6.6
16	7.0	6.9	7.5	7.1	7.2	6.9	6.9	6.9	6.8	6.7	6.7	6.6
17	7.5	7.0	7.2	7.1	7.0	6.9	7.1	7.0	6.8	6.7	6.7	6.6
18	7.6	7.0	7.2	7.1	7.0	6.9	7.0	6.9	6.8	6.8	6.7	6.7
19	7.1	7.1	7.2	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7
20	7.7	7.1	7.1	7.0	7.2	7.0	6.9	6.9	6.9	6.8	6.7	6.7
21	7.1	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.7	6.7
22	7.1	7.0	7.3	7.0	7.0	6.9	7.0	6.9	6.8	6.8	6.7	6.7
23	7.1	7.0	7.2	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.7	6.7
24	7.1	7.0	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.7	6.7	6.7
25	7.1	7.0	7.0	6.8	7.0	6.9	7.0	7.0	6.8	6.7	6.7	6.7
26	7.2	7.0	6.8	6.6	6.9	6.9	7.0	7.0	6.7	6.7	6.8	6.7
27	7.2	7.0	6.6	6.6	7.0	6.9	7.0	7.0	6.7	6.5	6.7	6.7
28	7.1	7.0	6.7	6.6	6.9	6.9	7.0	7.0	6.6	6.3	6.7	6.7
29	7.1	7.0	6.8	6.7	6.9	6.8	7.0	7.0	6.5	6.4	---	---
30	7.1	7.0	6.8	6.7	6.8	6.6	7.0	7.0	---	---	---	---
31	7.0	7.0	---	---	6.7	6.6	7.0	7.0	---	---	---	---
MONTH	7.7	6.7	7.5	6.6	7.2	6.4	7.1	6.3	7.1	6.3	7.1	6.6

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	7.0	6.7
2	---	---	---	---	6.8	6.8	6.8	6.7	---	---	7.0	6.7
3	---	---	---	---	6.8	6.8	6.9	6.8	6.6	6.6	7.1	6.7
4	---	---	---	---	6.9	6.6	6.9	6.8	6.6	6.6	6.8	6.6
5	---	---	---	---	6.8	6.8	7.0	6.8	6.7	6.6	6.8	6.5
6	---	---	---	---	6.9	6.8	6.8	6.8	6.7	6.6	6.8	6.5
7	---	---	6.6	6.5	6.9	6.8	6.9	6.8	6.7	6.7	7.0	6.7
8	---	---	6.6	6.5	6.9	6.8	6.9	6.8	6.7	6.7	6.8	6.7
9	---	---	6.6	6.5	6.9	6.8	6.9	6.8	6.7	6.7	6.8	6.7
10	---	---	6.6	6.5	6.9	6.8	6.9	6.8	6.8	6.6	6.8	6.7
11	6.8	6.6	6.6	6.5	6.9	6.8	6.9	6.8	---	---	6.9	6.7
12	6.6	6.4	6.6	6.5	6.9	6.8	7.0	6.8	---	---	6.9	6.7
13	6.7	6.6	6.6	6.6	7.0	6.8	6.9	6.8	7.1	6.9	6.9	6.7
14	6.8	6.7	6.6	6.6	7.0	6.8	6.9	6.8	7.0	6.8	6.9	6.7
15	6.8	6.7	6.7	6.6	7.0	6.8	6.8	6.7	6.9	6.8	6.9	6.7
16	6.9	6.8	6.7	6.6	7.0	6.8	6.8	6.7	6.8	6.8	6.8	6.7
17	7.0	6.9	6.7	6.6	6.9	6.8	6.8	6.7	6.9	6.8	6.8	6.7
18	7.0	6.9	6.7	6.6	6.9	6.8	6.7	6.6	6.9	6.8	6.9	6.5
19	6.9	6.9	6.7	6.6	6.8	6.7	6.6	6.5	7.0	6.9	6.8	6.7
20	6.9	6.8	6.7	6.6	6.8	6.7	6.6	6.6	7.0	7.0	6.7	6.7
21	6.8	6.8	6.7	6.6	6.9	6.8	6.7	6.6	7.2	7.0	6.7	6.6
22	6.8	6.7	6.8	6.6	6.9	6.8	6.8	6.7	7.1	7.0	6.6	6.6
23	6.8	6.6	6.7	6.6	6.8	6.8	6.8	6.7	7.1	7.0	6.6	6.5
24	6.7	6.6	6.7	6.6	6.8	6.8	6.8	6.8	7.1	6.9	6.6	6.5
25	6.7	6.5	6.7	6.6	6.8	6.8	6.8	6.8	7.0	6.9	6.8	6.5
26	6.7	6.6	6.8	6.7	6.9	6.8	6.9	6.8	6.9	6.8	6.7	6.5
27	6.7	6.7	6.9	6.8	7.0	6.8	6.9	6.8	6.9	6.8	6.6	6.5
28	6.7	6.7	6.9	6.9	6.9	6.8	6.9	6.8	7.0	6.8	6.6	6.5
29	6.8	6.7	7.0	6.6	6.9	6.8	6.8	6.7	6.9	6.7	6.6	6.5
30	6.8	6.7	6.8	6.6	6.9	6.8	6.7	6.7	6.9	6.8	6.5	6.5
31	---	---	6.8	6.8	---	---	6.7	6.6	7.0	6.8	---	---
MONTH	7.0	6.4	7.0	6.5	7.0	6.6	7.0	6.5	7.2	6.5	7.1	6.5
YEAR	7.7	6.3										

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.5	18.5	19.5	16.5	14.5	15.0	11.0	9.5	10.0	3.0	2.0	2.5
2	21.5	18.5	20.0	16.5	13.5	15.0	10.0	9.0	10.0	3.0	1.5	2.5
3	21.5	18.5	20.0	16.5	14.0	15.0	11.0	10.0	10.5	4.0	2.5	3.5
4	21.5	19.0	20.5	16.0	15.0	15.5	12.5	11.0	12.0	4.5	3.0	4.0
5	22.5	21.0	21.5	16.5	14.5	15.0	14.5	11.0	12.5	5.5	4.0	5.0
6	23.0	21.0	22.0	16.0	13.5	14.5	13.5	11.5	12.5	7.0	5.0	6.0
7	22.5	20.5	21.5	14.0	13.0	13.5	13.0	12.0	12.0	7.0	6.0	6.5
8	22.5	20.0	21.0	15.0	12.5	13.5	---	---	---	7.0	5.5	6.5
9	21.0	20.0	21.0	15.0	12.5	13.5	8.5	7.5	8.0	7.5	5.5	6.5
10	21.0	19.5	20.5	15.5	14.0	14.5	8.0	7.0	7.5	8.0	6.5	7.0
11	20.0	19.5	19.5	15.5	13.5	14.5	9.5	7.0	8.0	7.5	7.0	7.5
12	21.0	19.5	20.0	14.5	12.0	13.0	10.0	9.0	9.5	7.0	6.0	6.5
13	20.5	19.5	20.0	12.5	10.5	12.0	10.5	9.5	10.0	5.5	5.0	5.5
14	19.5	18.5	19.0	11.5	9.5	10.5	11.0	10.5	11.0	6.0	5.0	5.5
15	18.5	17.5	18.0	11.0	10.0	10.5	11.0	10.5	11.0	5.5	5.0	5.5
16	18.5	17.0	17.5	11.0	9.5	10.0	10.5	9.0	10.0	6.5	5.5	6.0
17	19.5	17.0	18.0	10.0	9.0	9.5	9.5	8.5	9.0	7.5	6.5	7.0
18	19.0	16.0	18.0	10.0	8.5	9.0	8.5	7.5	8.5	8.0	7.5	7.5
19	19.0	16.5	18.0	11.0	8.0	9.5	8.5	8.0	8.0	8.0	7.5	8.0
20	19.5	18.0	18.5	10.5	9.5	10.0	8.0	7.5	7.5	7.0	6.0	6.5
21	18.0	17.0	18.0	11.5	9.5	10.5	7.5	6.0	6.5	6.0	4.5	5.5
22	17.0	16.5	16.5	12.0	9.5	10.5	6.5	6.0	6.5	4.5	3.5	4.0
23	16.5	16.0	16.0	12.5	10.0	11.0	7.5	6.5	7.0	3.5	3.0	3.5
24	17.5	16.0	16.5	13.0	12.0	12.5	7.0	5.0	6.5	4.5	3.5	4.0
25	17.0	16.0	16.5	13.0	12.0	12.5	5.0	3.0	4.0	6.0	4.5	5.5
26	18.0	16.0	16.5	12.5	11.0	11.5	2.5	1.5	2.0	7.5	6.0	7.0
27	17.0	14.5	15.5	11.5	10.0	11.0	2.5	1.5	2.0	9.0	7.5	8.0
28	16.5	13.5	15.0	12.0	11.0	11.5	3.5	2.5	3.0	9.0	7.5	8.5
29	16.0	13.0	15.0	11.5	10.5	11.5	4.0	3.5	4.0	9.0	7.5	8.5
30	15.5	14.5	15.0	10.5	9.5	10.5	4.5	4.0	4.0	9.0	7.5	8.0
31	15.5	14.5	15.0	---	---	---	3.5	3.0	3.5	7.5	6.5	7.0
MONTH	23.0	13.0	18.5	16.5	8.0	12.0	14.5	1.5	8.0	9.0	1.5	6.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.0	5.5	6.5	7.5	6.5	7.0	---	---	---	20.0	18.5	19.0
2	6.5	5.0	6.0	8.0	6.5	7.5	---	---	---	---	---	---
3	7.0	6.0	6.5	9.0	7.0	8.0	---	---	---	---	---	---
4	8.5	7.0	7.5	10.0	8.0	9.0	---	---	---	---	---	---
5	8.5	7.5	8.0	10.5	9.5	10.0	---	---	---	---	---	---
6	8.0	6.5	7.5	11.0	10.5	10.5	---	---	---	---	---	---
7	7.0	5.5	6.5	11.0	10.0	10.5	---	---	---	19.0	18.5	19.0
8	6.0	4.5	5.5	11.5	9.5	10.5	---	---	---	20.0	18.5	19.0
9	6.0	4.0	5.0	10.5	9.5	10.0	---	---	---	22.5	18.0	20.0
10	7.5	5.0	6.0	9.5	8.5	9.0	---	---	---	20.0	17.5	18.5
11	9.0	7.0	8.0	9.5	7.5	8.5	13.0	12.5	13.0	19.5	17.0	18.5
12	11.0	8.5	10.0	10.0	7.5	9.0	14.5	12.5	13.5	20.5	18.0	19.5
13	---	---	---	10.5	9.5	10.0	15.0	13.0	14.5	21.5	19.0	20.5
14	---	---	---	12.0	10.0	11.0	16.5	14.0	15.5	22.5	20.5	21.5
15	---	---	---	13.0	10.5	12.0	17.0	15.0	16.0	22.0	20.0	21.0
16	11.5	10.5	11.0	14.5	12.0	13.5	17.5	16.0	16.5	20.5	19.0	20.0
17	11.5	10.0	11.0	15.0	13.5	14.5	16.5	15.5	16.0	20.0	18.5	19.5
18	11.5	10.0	11.0	15.0	14.0	14.5	16.0	15.0	15.5	20.0	18.0	19.0
19	12.0	10.5	11.0	15.5	14.0	14.5	15.5	14.0	15.0	21.0	18.5	20.0
20	12.5	11.5	12.0	16.0	14.5	15.5	14.5	14.0	14.0	22.0	20.0	21.0
21	13.0	11.5	12.0	15.5	14.0	15.0	13.5	12.5	13.0	23.0	21.0	22.5
22	12.5	11.0	11.5	14.5	13.0	14.0	14.5	13.0	13.5	24.0	22.5	23.5
23	11.5	10.5	11.0	14.5	12.0	13.5	15.0	14.5	14.5	24.0	22.5	23.5
24	11.0	9.5	10.5	15.0	12.5	14.0	14.5	13.5	14.0	24.0	22.5	23.5
25	11.0	10.0	10.5	16.0	14.0	15.0	14.5	13.0	13.5	23.5	21.5	22.5
26	11.0	9.5	10.0	17.0	14.5	15.5	16.0	13.0	14.5	24.5	22.5	23.5
27	10.0	9.0	9.5	15.0	14.5	15.0	18.0	15.0	16.5	25.0	23.5	24.5
28	8.5	7.0	8.0	17.0	15.0	15.5	18.0	17.0	17.5	24.5	24.0	24.5
30	---	---	---	---	---	---	19.0	18.0	18.5	24.0	20.5	22.5
31	---	---	---	---	---	---	---	---	---	20.5	19.5	20.0
MONTH	13.0	4.0	9.0	17.0	6.5	12.0	19.0	12.5	15.0	25.0	17.0	21.0

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.5	18.5	19.5	25.0	23.5	24.5	24.0	23.0	23.5	27.5	26.0	26.5
2	21.5	19.0	20.5	24.5	24.0	24.0	---	---	---	28.0	25.5	26.5
3	22.5	20.5	21.5	25.5	23.5	24.5	26.5	25.5	26.0	28.0	25.5	26.5
4	24.0	21.5	23.0	26.5	25.0	25.5	27.5	25.5	26.5	26.5	25.5	26.0
5	25.0	23.0	24.0	27.0	25.5	26.0	28.0	26.0	27.0	28.0	26.0	27.0
6	26.0	24.5	25.5	27.5	26.0	26.5	29.0	26.5	27.5	28.5	24.5	26.0
7	26.5	25.0	26.0	27.5	26.5	27.0	29.0	27.5	28.5	25.5	24.0	25.0
8	27.0	25.0	26.5	27.5	26.5	27.0	29.5	27.5	28.5	25.0	24.0	24.5
9	27.5	26.0	26.5	27.0	26.0	26.5	29.5	28.0	29.0	24.5	22.5	23.5
10	27.5	26.0	27.0	28.0	26.0	27.0	---	---	---	23.5	22.5	23.0
11	27.5	26.0	27.0	29.5	27.0	28.5	---	---	---	24.5	23.5	24.0
12	28.0	26.5	27.5	30.5	28.5	29.5	---	---	---	25.0	23.5	24.5
13	28.5	26.5	27.5	30.5	28.5	29.5	---	---	---	25.5	24.0	25.0
14	29.5	27.0	28.0	29.0	28.0	28.5	26.5	25.0	26.0	26.0	24.5	25.5
15	29.5	28.0	28.5	28.5	27.0	28.0	26.5	25.5	26.0	26.5	24.5	25.5
16	29.5	28.0	28.5	28.5	27.0	27.5	27.0	25.5	26.5	24.5	22.0	23.0
17	28.5	27.5	28.0	27.0	26.5	27.0	27.5	26.0	26.5	22.0	21.0	21.5
18	28.0	27.0	27.5	26.5	25.0	25.5	27.0	26.0	26.5	21.5	21.0	21.0
19	28.0	26.0	27.5	25.5	24.5	25.0	27.0	26.0	26.5	22.0	20.5	21.0
20	29.0	27.0	28.0	26.0	24.5	25.5	27.0	26.5	27.0	22.0	20.0	21.0
21	28.5	27.5	28.0	26.5	25.0	26.0	27.0	26.0	26.5	23.0	20.0	21.5
22	27.5	26.0	27.0	26.5	25.5	26.0	27.5	26.0	26.5	23.5	20.0	21.5
23	26.0	25.0	25.5	26.0	25.0	26.0	27.5	26.0	26.5	24.5	21.5	23.0
24	25.0	24.0	24.5	27.0	25.5	26.5	27.0	25.5	26.5	25.0	22.0	23.0
25	25.0	23.5	24.5	28.0	26.0	27.0	26.5	25.5	26.0	26.0	23.0	24.0
26	25.5	24.0	25.0	28.5	27.0	28.0	26.0	25.5	25.5	25.5	22.5	24.0
27	26.5	24.5	25.5	28.5	27.5	28.0	27.0	25.5	26.0	23.5	22.0	23.0
28	26.0	25.0	25.5	28.0	26.5	27.0	26.5	25.5	26.0	21.5	20.0	21.0
29	25.5	24.5	25.0	26.5	24.0	25.0	26.0	25.5	25.5	21.0	19.5	20.0
30	25.0	24.0	24.5	24.0	23.0	23.5	27.0	25.0	26.0	19.5	18.0	19.0
31	---	---	---	23.5	22.5	23.0	27.5	25.5	26.5	---	---	---
MONTH	29.5	18.5	26.0	30.5	22.5	26.5	29.5	23.0	26.5	28.5	18.0	23.5
YEAR	30.5	1.5	17.0									

02156500 BROAD RIVER NEAR CARLISLE, SC--Contined

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.5	7.9	8.1	8.4	8.0	8.2	10.6	10.3	10.5	11.4	11.2	11.3
2	8.7	7.8	8.2	8.3	8.0	8.2	10.6	10.2	10.4	11.3	11.1	11.2
3	8.7	7.8	8.2	8.1	7.6	7.9	10.1	9.6	9.9	11.3	11.0	11.1
4	8.5	7.4	8.0	7.7	7.4	7.6	10.5	9.2	9.7	11.2	10.4	10.9
5	8.0	7.0	7.6	7.9	7.4	7.6	10.7	---	7.3	10.6	10.1	10.4
6	8.0	7.0	7.5	7.8	7.4	7.6	11.3	9.6	10.4	10.2	9.8	10.1
7	7.6	7.0	7.3	7.9	7.5	7.8	11.4	10.8	11.2	10.4	9.9	10.3
8	7.3	6.8	7.0	8.6	7.8	8.2	---	---	---	10.6	10.4	10.6
9	7.2	6.7	7.0	9.1	8.4	8.9	10.8	10.7	10.8	11.0	10.5	10.7
10	7.7	7.0	7.5	9.8	9.1	9.4	11.1	10.9	11.1	11.0	10.1	10.6
11	7.6	7.2	7.5	9.7	9.1	9.4	11.0	10.6	11.0	12.6	11.2	12.0
12	8.0	7.4	7.7	9.0	8.2	8.6	11.5	10.5	10.9	11.9	11.0	11.6
13	7.7	7.5	7.6	9.2	8.4	8.9	11.7	10.6	11.1	11.3	10.9	11.1
14	7.8	7.6	7.7	9.7	8.9	9.4	11.0	10.1	10.5	11.5	11.0	11.2
15	8.1	7.8	8.0	9.8	9.4	9.7	10.5	10.3	10.5	11.6	11.1	11.4
16	8.2	8.1	8.2	10.6	9.6	10.1	11.6	10.4	11.0	11.4	11.1	11.3
17	8.3	7.6	8.2	10.3	10.0	10.2	11.8	11.5	11.7	12.0	11.1	11.5
18	8.6	8.1	8.4	10.5	10.1	10.4	11.4	11.1	11.4	11.7	11.5	11.7
19	8.5	8.2	8.5	10.8	10.1	10.4	11.6	11.1	11.5	11.6	11.3	11.5
20	8.6	8.1	8.4	10.3	9.9	10.1	11.7	10.6	11.4	11.7	11.4	11.6
21	8.2	8.0	8.1	10.4	9.6	10.0	10.9	10.6	10.8	11.9	11.5	11.8
22	8.2	8.0	8.1	10.1	9.5	9.9	11.3	11.0	11.2	12.2	11.7	12.0
23	8.2	8.0	8.2	10.4	9.7	10.1	11.4	10.9	11.3	12.5	11.8	12.2
24	8.3	8.1	8.2	10.0	9.6	9.8	11.3	10.9	11.0	12.3	12.0	12.2
25	8.2	8.1	8.2	9.6	9.3	9.5	11.7	11.1	11.4	12.1	11.7	11.9
26	8.2	8.0	8.2	10.0	9.5	9.8	12.6	11.8	12.4	11.7	11.3	11.6
27	8.3	8.1	8.2	10.2	10.0	10.2	12.9	11.9	12.6	11.4	11.0	11.3
28	8.4	8.0	8.3	10.3	10.0	10.2	12.0	11.4	11.6	11.3	10.9	11.1
29	8.5	8.1	8.4	10.1	9.9	10.1	11.7	11.2	11.4	11.2	10.9	11.1
30	8.5	8.2	8.4	10.4	10.0	10.3	11.7	11.2	11.4	11.2	10.8	11.1
31	8.4	8.1	8.3	---	---	---	11.6	11.2	11.4	11.6	11.1	11.5
MONTH	8.7	6.7	8.0	10.8	7.4	9.3	12.9	9.2	11.0	12.6	9.8	11.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.8	11.5	11.7	11.3	10.8	11.2	---	---	---	8.6	8.3	8.5
2	12.2	11.8	12.1	11.2	10.5	11.0	---	---	---	---	---	---
3	12.0	11.6	11.8	10.8	10.3	10.6	---	---	---	---	---	---
4	11.6	10.9	11.3	10.7	10.3	10.6	---	---	---	---	---	---
5	10.9	10.5	10.7	10.6	10.2	10.4	---	---	---	---	---	---
6	10.7	10.5	10.6	11.2	10.3	10.8	---	---	---	---	---	---
7	10.9	10.5	10.8	11.1	10.4	10.8	---	---	---	8.7	8.4	8.6
8	11.4	10.9	11.2	10.8	10.4	10.6	---	---	---	9.0	8.7	8.9
9	11.7	11.1	11.4	10.7	10.3	10.5	---	---	---	9.0	7.3	8.6
10	11.6	11.2	11.5	10.7	10.5	10.6	---	---	---	8.9	8.5	8.8
11	11.3	10.7	11.1	10.7	10.4	10.6	9.0	8.7	8.9	9.1	8.6	8.9
12	10.6	10.1	10.5	10.5	10.1	10.4	8.8	7.9	8.4	8.8	8.5	8.7
13	---	---	---	10.1	9.6	9.9	8.2	7.6	7.9	8.5	8.1	8.4
14	---	---	---	9.8	9.4	9.6	8.2	7.7	7.9	8.3	7.9	8.2
15	---	---	---	9.7	9.1	9.4	8.4	7.7	8.1	8.2	7.0	8.0
16	10.8	10.4	10.7	10.1	8.8	9.6	8.4	8.0	8.3	8.0	7.6	7.9
17	10.4	9.9	10.1	9.7	9.2	9.5	8.8	8.5	8.7	8.0	7.7	7.9
18	9.8	9.4	9.7	9.6	9.3	9.5	9.2	8.3	8.7	7.9	7.7	7.9
19	9.4	9.1	9.3	9.9	9.6	9.9	9.2	8.3	8.6	8.0	7.6	7.9
20	9.1	8.6	8.9	9.9	9.6	9.8	9.6	9.3	9.4	7.7	7.3	7.6
21	9.7	8.6	9.1	9.7	9.6	9.7	9.9	9.6	9.8	7.5	7.1	7.4
22	9.8	9.6	9.7	10.0	9.7	9.9	9.8	9.1	9.5	8.3	7.1	7.4
23	10.1	9.6	9.9	10.1	9.8	10.0	9.1	8.9	9.1	7.6	7.1	7.5
24	10.6	9.6	10.2	10.1	9.7	9.9	9.6	9.1	9.3	7.6	7.1	7.4
25	9.6	9.2	9.4	9.7	9.3	9.6	9.9	9.4	9.7	7.6	7.1	7.4
26	9.4	9.1	9.3	9.5	5.5	9.0	9.9	8.8	9.4	7.3	7.0	7.2
27	9.6	9.1	9.4	8.7	8.3	8.6	9.2	8.1	8.7	7.3	7.0	7.2
28	11.2	9.7	10.5	8.6	8.3	8.5	8.5	8.2	8.4	7.2	6.9	7.1
29	11.6	10.5	11.1	---	---	---	8.7	8.1	8.4	8.4	7.0	7.8
30	---	---	---	---	---	---	8.6	8.3	8.5	8.0	6.9	7.3
31	---	---	---	---	---	---	---	---	---	7.4	7.0	7.2
MONTH	12.2	8.6	10.5	11.3	5.5	10.0	9.9	7.6	8.8	9.1	6.9	7.9

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02156500 BROAD RIVER NEAR CARLISLE, SC--Contined

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	7.1	7.3	7.5	7.3	7.5	7.3	7.0	7.1	6.7	6.1	6.4
2	7.4	7.1	7.3	7.7	7.3	7.5	---	---	---	6.8	6.1	6.4
3	7.4	7.0	7.3	7.5	7.2	7.4	6.9	6.4	6.7	6.8	5.8	6.3
4	7.2	6.9	7.1	7.4	7.1	7.3	6.6	6.3	6.4	6.4	5.7	6.1
5	7.0	6.7	6.9	7.6	7.1	7.3	6.1	6.0	6.1	6.8	6.1	6.4
6	7.2	6.7	6.9	7.1	6.8	7.0	6.0	5.8	5.9	7.0	6.1	6.7
7	6.9	6.6	6.8	7.1	6.8	7.0	5.8	5.8	5.8	7.4	6.9	7.1
8	6.9	6.7	6.8	7.1	6.9	7.0	5.8	5.7	5.8	7.2	6.6	7.0
9	6.9	6.6	6.8	7.2	6.9	7.1	5.8	5.4	5.6	7.2	6.9	7.1
10	6.8	6.0	6.5	7.2	6.9	7.1	5.7	4.5	5.3	7.1	6.6	6.9
11	6.6	6.2	6.4	6.9	6.6	6.9	6.4	5.1	5.8	7.0	6.3	6.7
12	7.4	6.2	6.7	6.9	6.4	6.7	---	---	---	6.9	6.3	6.6
13	7.0	6.5	6.8	6.6	6.4	6.6	---	---	---	6.7	6.3	6.5
14	6.8	6.3	6.6	6.6	6.4	6.6	6.0	5.7	5.9	6.7	6.1	6.4
15	6.5	6.2	6.4	6.6	6.3	6.5	5.9	5.6	5.8	6.7	6.1	6.4
16	6.4	6.1	6.3	6.5	6.5	6.5	5.7	5.6	5.7	7.0	6.1	6.7
17	6.3	6.0	6.2	6.7	6.5	6.6	5.7	5.6	5.7	7.3	6.5	6.8
18	6.4	6.0	6.2	7.1	6.6	6.9	6.0	5.6	5.9	7.2	6.5	6.8
19	6.3	6.0	6.2	7.4	6.9	7.1	6.3	5.9	6.2	6.8	6.3	6.5
20	6.3	6.2	6.3	7.8	6.9	7.4	6.5	6.1	6.4	6.5	6.2	6.3
21	6.5	6.1	6.4	7.6	7.3	7.5	6.8	6.3	6.6	6.4	6.1	6.2
22	6.6	6.1	6.4	7.4	7.2	7.4	6.6	6.3	6.5	6.4	6.0	6.3
23	6.7	6.4	6.6	7.4	7.2	7.3	6.6	6.3	6.5	6.4	6.0	6.2
24	7.1	6.7	7.0	7.2	7.0	7.2	6.7	6.3	6.5	6.3	5.8	6.1
25	7.2	7.1	7.2	7.1	6.6	6.9	6.5	6.3	6.5	6.3	5.8	6.1
26	7.7	7.1	7.3	6.7	6.4	6.6	6.6	6.3	6.5	6.3	5.7	6.0
27	7.4	7.2	7.4	6.4	6.1	6.4	6.6	6.2	6.5	7.1	5.7	6.5
28	7.3	7.0	7.2	6.5	6.2	6.4	6.6	6.3	6.5	7.5	7.0	7.4
29	7.3	7.0	7.2	7.1	6.4	6.8	6.5	6.3	6.4	7.8	7.5	7.7
30	7.4	7.0	7.2	7.3	7.2	7.3	6.7	6.2	6.5	8.0	7.8	7.9
31	---	---	---	7.2	7.0	7.2	6.6	6.2	6.4	---	---	---
MONTH	7.7	6.0	6.8	7.8	6.1	7.0	7.3	4.5	6.2	8.0	5.7	6.6
YEAR	12.9	4.5	8.6									

02157000 NORTH TYGER RIVER NEAR FAIRMONT, SC

LOCATION.--Lat 34°55'45", long 82°02'40", Spartanburg County, Hydrologic Unit 03050107, on left bank 80 ft downstream from Frey Creek, 2.2 mi north of Fairmont, and at mile 57.9.

DRAINAGE AREA.--44.4 mi².

PERIOD OF RECORD.--October 1950 to current year.

GAGE.--Water-stage recorders and concrete control. Elevation of gage is 680 ft (from topographic map).

REMARKS.--Records good, except those below 30 ft³/s, which are fair.

AVERAGE DISCHARGE.--34 years, 66.5 ft³/s, 20.34 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,610 ft³/s May 26, 1959, gage height, 13.58 ft, from rating curve extended above 2,100 ft³/s; minimum, 6.0 ft³/s Sept. 19, 20, 1954; minimum daily, 7.0 ft³/s Sept. 19, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 700 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Dec. 6	1315	786	4.63	July 18	1045	76[illegible]	4.50
Feb. 14	0830	*1,220	*6.80	July 22	0830	83[illegible]	4.85
May 7	1000	806	4.73				

Minimum daily, 15 ft³/s Oct. 7-9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	27	48	58	50	110	92	75	77	69	176	44
2	18	28	44	56	49	94	84	75	70	64	198	42
3	16	27	76	55	49	85	89	208	65	68	114	42
4	16	28	467	53	52	78	99	314	61	55	93	42
5	16	28	161	52	49	121	91	155	59	57	81	41
6	16	27	555	50	48	143	80	211	57	68	74	40
7	15	27	342	49	47	132	74	661	54	55	68	39
8	15	27	134	47	45	106	70	369	52	51	65	38
9	15	27	98	46	45	91	146	199	50	47	63	38
10	17	29	81	114	44	83	270	144	48	45	63	37
11	18	29	122	172	46	77	140	118	46	42	70	37
12	40	27	429	96	45	73	111	103	45	53	71	36
13	40	28	157	78	203	105	97	94	57	80	117	35
14	35	28	114	70	954	89	89	86	50	75	196	34
15	29	64	92	64	271	78	84	79	49	69	97	34
16	27	58	77	60	150	73	79	74	46	111	79	31
17	25	43	68	56	114	70	74	71	46	173	70	31
18	25	37	61	83	95	68	71	68	44	516	64	32
19	25	35	57	140	83	66	69	65	42	161	62	32
20	25	40	54	87	75	67	76	62	40	111	58	32
21	25	41	53	74	70	99	79	60	41	94	54	31
22	29	37	95	65	64	75	86	63	55	357	53	31
23	46	36	79	61	170	68	158	245	55	115	51	31
24	42	114	65	77	117	65	100	133	56	87	50	32
25	34	135	54	81	92	77	85	96	56	78	48	32
26	30	75	52	68	80	68	77	86	47	74	49	30
27	29	59	51	64	323	65	78	79	47	84	49	29
28	27	73	96	59	288	277	81	134	67	85	49	29
29	27	65	98	57	141	259	74	207	98	158	56	30
30	27	53	73	54	---	131	76	105	95	193	50	45
31	26	---	62	52	---	105	---	86	---	128	47	---
TOTAL	793	1352	4015	2198	3859	3098	2879	4525	1675	3423	2435	1057
MEAN	25.6	45.1	130	70.9	133	99.9	96.0	146	55.8	110	78.5	35.2
MAX	46	135	555	172	954	277	270	661	98	516	198	45
MIN	15	27	44	46	44	65	69	60	40	42	47	29

CAL YR 1983	TOTAL	24086	MEAN	66.0	MAX	555	MIN	13
WTR YR 1984	TOTAL	31309	MEAN	85.5	MAX	954	MIN	15

02160105 TYGER RIVER NEAR DELTA, SC

LOCATION.--Lat 34°32'07", long 81°32'54", Union County, Hydrologic Unit 03050107, on right bank at downstream side of bridge on State Highway 72 and 121, 0.9 mi downstream from Seaboard Coast Line Railroad, 0.8 mi southeast of Delta, and at mile 9.0.

DRAINAGE AREA.--759 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 300 ft (from topographic map).

REMARKS.--Records poor.

AVERAGE DISCHARGE.--11 years, 1,159 ft³/s, 20.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,300 ft³/s Oct. 11, 1976, gage height, 26.31 ft (from floodmarks); minimum daily, 120 ft³/s Oct. 9, 10, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 7,500 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Dec. 7	0600	9,310	16.01	Mar. 6	2300	8,750	15.61
Jan. 11	2300	7,720	15.11	Mar. 30	0200	8,390	15.15
Feb. 15	1100	8,920	15.76	May 8	0100	*9,630	*16.24

Minimum discharge, 205 ft³/s, Oct. 10, gage height, 3.47 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	212	309	754	987	792	3660	1940	1330	1270	1110	1990	646
2	216	306	654	892	761	1870	1620	1320	1130	1040	1380	664
3	224	305	913	836	749	1540	1490	2230	1000	897	1170	606
4	219	309	2750	800	850	1360	1550	4350	971	850	1080	561
5	215	312	5380	767	912	1580	1550	3540	924	877	1010	410
6	221	314	7990	737	834	6270	1500	3380	888	922	956	555
7	219	308	9240	695	781	7220	1350	7980	861	1040	1000	613
8	214	303	8540	636	740	3690	1250	8500	830	921	1010	713
9	208	302	4120	598	713	2210	1210	6920	798	904	1120	857
10	206	305	1700	2010	698	1650	2550	3900	775	762	1330	969
11	210	310	1310	7370	712	1420	3690	2300	752	688	1250	1000
12	224	308	2160	6400	710	1300	2860	1830	723	631	1270	482
13	276	307	3570	2680	1110	1340	1920	1640	692	1010	1150	469
14	449	301	3510	1490	5400	1570	1630	1520	703	2040	1010	496
15	423	369	1860	1200	8640	1530	1520	1400	744	1820	932	440
16	372	543	1380	1060	8150	1320	1400	1310	717	1670	914	320
17	322	738	1120	961	4030	1220	1310	1250	693	2650	856	470
18	300	586	978	1130	1820	1160	1250	1200	688	2920	807	493
19	298	477	911	3190	1480	1130	1200	1170	661	4130	733	487
20	276	433	846	3200	1300	1110	1240	1140	639	3360	682	472
21	273	430	792	1900	1180	1230	1330	1100	627	1510	740	534
22	276	444	1060	1300	1090	1310	1370	1090	753	1220	745	525
23	323	426	1850	1070	2080	1190	2000	1160	755	1450	723	458
24	427	453	1490	999	3330	1080	2400	1560	808	1030	540	395
25	532	1050	1060	1030	2580	1090	2120	1560	813	908	500	387
26	457	1380	821	1130	1680	1180	1600	1200	850	873	470	381
27	398	1110	787	1080	2530	1110	1400	1100	741	928	500	766
28	359	886	904	1010	5750	1470	1530	1190	736	1480	530	680
29	335	849	1630	946	6770	5080	1430	1430	817	2270	480	520
30	325	878	1650	884	---	7530	1340	2010	949	2470	719	470
31	317	---	1230	836	---	3740	---	1650	---	2350	715	---
TOTAL	9326	15351	72960	49824	68172	70160	50550	73260	24308	46731	28312	16839
MEAN	301	512	2354	1607	2351	2263	1685	2363	810	1507	913	561
MAX	532	1380	9240	7370	8640	7530	3690	8500	1270	4130	1990	1000
MIN	206	301	654	598	698	1080	1200	1090	627	631	470	320

CAL YR 1983 TOTAL 409712 MEAN 1122 MAX 9240 MIN 199
WTR YR 1984 TOTAL 525793 MEAN 1437 MAX 9240 MIN 206

02160105 TYGER RIVER NEAR DELTA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 217 microsiemens Mar. 8, 1975, minimum, 13 microsiemens Oct. 9, 10, 1976.
pH: Maximum, 7.9 units Dec. 21, 1979, Feb. 8-9, 1980; minimum 5.8 units Feb. 24, 1984.
WATER TEMPERATURE: Maximum, 32.0 July 21, 1981, Aug. 23, 1983; minimum, 0.2°C Jan. 18, 19, 1977, March 11, 1984.
DISSOLVED OXYGEN: Maximum, 14.2 mg/L Jan. 2, 1984, Dec. 2, 1979; minimum, 1.6 mg/L Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 187 microsiemens, Oct. 11; minimum, 29 microsiemens Mar. 29, 30.
pH: Maximum 7.6 units Sept. 23; minimum, 5.8 units Feb. 24.
WATER TEMPERATURE: Maximum, 29.40°C July 12; minimum, 0.2°C Mar.11.
DISSOLVED OXYGEN: Maximum, 14.2 mg/L Jan. 2; minimum 1.6 mg/L Feb. 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	161	154	159	144	136	141	99	89	94	71	66	69
2	178	155	165	141	122	131	101	99	100	72	66	69
3	180	169	175	134	115	122	103	83	94	66	66	66
4	187	165	178	150	135	146	81	49	61	68	66	67
5	164	147	157	146	143	145	51	48	50	78	68	71
6	146	130	137	145	138	142	52	41	45	89	79	85
7	168	133	154	152	142	148	42	36	38	97	89	93
8	166	158	161	149	144	147	48	41	45	100	97	98
9	176	166	170	145	123	135	60	49	54	100	92	97
10	185	165	174	131	118	122	69	61	65	93	31	71
11	187	181	185	142	132	136	71	69	70	42	32	39
12	185	161	175	148	140	145	69	46	58	55	43	49
13	164	151	156	145	141	143	48	41	45	65	56	60
14	182	130	160	145	138	140	57	47	52	73	65	69
15	132	126	129	138	129	133	65	58	61	77	73	75
16	130	122	125	130	101	121	70	65	68	78	76	77
17	134	125	131	117	108	113	74	70	72	76	74	75
18	131	127	129	114	108	110	78	75	76	75	60	72
19	131	117	124	127	112	115	81	79	80	57	50	51
20	129	115	120	130	121	126	80	74	78	56	52	53
21	147	130	141	121	117	119	78	73	75	---	---	---
22	147	141	144	122	120	121	83	74	80	---	---	---
23	147	141	143	120	107	110	73	66	68	---	---	---
24	142	137	140	111	107	108	68	67	67	---	---	---
25	137	118	129	109	91	100	67	64	65	---	---	---
26	115	103	106	94	79	84	65	62	64	73	71	72
27	120	106	115	85	79	82	66	65	65	71	68	70
28	138	121	132	85	79	82	65	61	64	72	64	69
29	152	123	143	87	79	83	62	56	58	77	71	74
30	151	144	147	89	78	82	62	59	61	76	70	72
31	149	136	143	---	---	---	66	63	64	75	70	72
MONTH	187	103	147	152	78	121	103	36	66	100	31	71

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	80	70	75	---	---	---	55	49	52	---	---	---
2	85	63	80	61	60	60	57	55	56	84	74	79
3	84	83	84	63	61	62	58	56	57	83	52	73
4	85	82	83	66	63	65	66	57	61	61	51	54
5	83	81	82	67	46	62	74	66	70	65	62	64
6	91	77	82	49	37	39	74	73	73	64	37	60
7	81	75	78	47	38	43	80	72	77	40	35	38
8	82	75	77	55	48	51	85	80	83	45	37	42
9	99	77	87	60	55	58	84	72	78	54	45	49
10	95	92	93	68	61	64	71	45	55	62	55	59
11	96	93	95	72	68	71	54	46	51	70	62	66
12	95	94	95	74	71	72	61	54	57	77	70	75
13	95	53	84	72	64	67	72	62	67	77	75	76
14	50	43	45	67	63	65	74	66	71	76	66	70
15	44	30	36	70	64	57	75	67	72	66	65	65
16	50	41	47	68	64	66	80	68	76	---	---	---
17	62	50	56	73	59	71	78	68	72	---	---	---
18	67	62	66	75	74	74	79	67	71	---	---	---
19	70	66	67	---	---	---	86	80	83	---	---	---
20	68	64	66	---	---	---	89	86	88	---	---	---
21	66	64	65	---	---	---	89	86	87	---	---	---
22	70	65	68	---	---	---	88	82	85	---	---	---
23	70	53	58	---	---	---	81	68	71	76	63	69
24	57	52	53	---	---	---	68	56	60	79	71	76
25	63	57	60	---	---	---	---	---	---	73	69	70
26	68	63	66	68	64	66	---	---	---	82	73	78
27	---	---	---	68	58	63	---	---	---	86	82	85
28	---	---	---	60	44	55	---	---	---	86	73	78
29	---	---	---	42	29	32	---	---	---	79	62	72
30	---	---	---	39	29	34	---	---	---	61	56	59
31	---	---	---	49	40	45	---	---	---	68	60	65
MONTH	99	30	71	75	29	59	89	45	70	86	35	66

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	75	69	72	---	---	---	---	---	---	92	88	90
2	79	75	77	---	---	---	---	---	---	97	89	93
3	81	79	81	---	---	---	---	---	---	89	82	84
4	82	75	78	86	80	84	---	---	---	82	75	80
5	76	58	69	81	76	80	---	---	---	79	74	76
6	70	59	63	77	72	74	---	---	---	92	76	82
7	78	70	74	78	69	74	---	---	---	92	80	87
8	87	77	80	72	70	71	77	72	74	98	91	94
9	91	87	88	74	68	71	85	74	78	105	98	102
10	98	92	96	73	70	72	90	77	84	107	98	103
11	95	82	89	76	73	75	83	78	82	96	89	91
12	83	82	82	84	74	79	84	78	82	88	83	85
13	---	---	---	97	82	91	84	78	82	93	83	87
14	---	---	---	83	69	76	79	73	77	102	92	96
15	---	---	---	68	62	64	77	67	73	105	99	102
16	---	---	---	66	64	65	81	76	79	100	94	99
17	---	---	---	66	43	54	---	---	---	94	89	90
18	---	---	---	48	43	45	---	---	---	89	84	85
19	---	---	---	46	42	43	---	---	---	86	79	83
20	---	---	---	48	42	44	---	---	---	88	79	83
21	---	---	---	56	48	52	---	---	---	96	88	92
22	---	---	---	60	56	58	77	72	74	---	---	---
23	---	---	---	60	50	54	88	78	83	---	---	---
24	---	---	---	54	50	53	90	85	87	---	---	---
25	---	---	---	59	54	56	93	86	90	---	---	---
26	---	---	---	---	---	---	86	81	84	---	---	---
27	---	---	---	---	---	---	87	79	83	---	---	---
28	---	---	---	---	---	---	93	79	[illegible]	---	---	---
29	---	---	---	---	---	---	88	84	86	---	---	---
30	---	---	---	---	---	---	88	82	85	---	---	---
31	---	---	---	---	---	---	91	85	89	---	---	---
MONTH	98	58	79	97	42	65	93	67	82	107	74	90
YEAR	187	29	84									

NOTE.--NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY	
1	7.3	7.2	7.1	7.1	7.2	7.1	6.9	6.8
2	7.3	7.2	7.1	7.0	7.3	7.2	6.9	6.8
3	7.3	7.2	7.1	7.0	7.3	7.1	6.9	6.8
4	7.3	7.2	7.2	7.0	7.1	6.7	6.9	6.9
5	7.2	7.1	7.2	7.1	6.7	6.6	6.9	6.7
6	7.1	7.1	7.3	7.2	6.7	6.5	7.0	6.9
7	7.2	7.1	7.3	7.2	6.6	6.5	7.2	7.0
8	7.2	7.1	7.4	7.2	6.7	6.6	7.3	7.2
9	7.2	7.0	7.3	7.2	6.8	6.7	7.4	7.3
10	7.2	7.1	7.3	7.3	6.9	6.8	7.4	6.5
11	7.2	7.1	7.4	7.3	6.9	6.8	6.8	6.5
12	7.2	7.1	7.4	7.3	6.8	6.5	6.9	6.8
13	7.1	7.1	7.5	7.4	6.5	6.4	7.0	6.9
14	7.1	7.1	7.5	7.4	6.4	6.3	7.0	7.0
15	7.2	7.1	7.4	7.3	6.6	6.4	7.0	7.0
16	7.3	7.2	7.4	7.1	6.7	6.6	7.0	7.0
17	7.4	7.2	7.2	7.2	6.8	6.7	7.0	6.9
18	7.4	7.3	7.3	7.2	6.9	6.8	6.9	6.8
19	7.4	7.3	7.2	7.2	7.0	6.9	6.7	6.6
20	7.4	7.3	7.2	7.1	7.0	7.0	6.8	6.7
21	7.4	7.2	7.1	7.1	7.0	7.0	---	---
22	7.3	7.2	7.1	7.0	7.0	6.9	---	---
23	7.3	7.2	7.1	7.0	6.9	6.8	---	---
24	7.2	7.1	7.1	7.1	6.8	6.8	---	---
25	7.1	7.0	7.1	6.9	6.9	6.8	---	---
26	7.1	7.1	6.9	6.8	6.9	6.8	7.2	7.1
27	7.1	7.1	6.9	6.8	6.9	6.8	7.2	7.1
28	7.2	7.1	7.0	6.9	6.9	6.8	7.2	7.1
29	7.1	6.9	7.1	7.0	6.8	6.7	7.3	7.2
30	7.1	7.1	7.1	7.0	6.7	6.7	7.3	7.2
31	7.1	7.1	---	---	6.8	6.7	7.4	7.3
MONTH	7.4	6.9	7.5	6.8	7.3	6.3	7.4	6.5

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	FEBRUARY		MARCH		APRIL		MAY	
1	7.5	7.4	---	---	6.7	6.5	---	---
2	7.5	6.3	6.4	6.2	6.8	6.7	6.8	6.7
3	6.7	6.7	6.5	6.4	7.0	6.8	6.8	6.5
4	6.8	6.7	6.6	6.5	7.2	7.0	6.6	6.5
5	6.8	6.6	6.6	6.4	7.4	7.2	6.7	6.6
6	6.9	6.6	6.8	6.3	7.3	7.2	6.8	6.3
7	6.9	6.7	6.7	6.4	7.2	7.1	6.4	6.1
8	7.0	6.7	6.5	6.3	7.1	7.1	6.2	6.1
9	7.0	6.7	6.6	6.4	7.1	6.9	6.4	6.2
10	7.1	7.0	6.7	6.6	6.9	6.7	6.5	6.4
11	7.1	7.1	6.8	6.7	6.8	6.7	6.6	6.5
12	7.2	7.1	6.9	6.8	6.9	6.7	6.6	6.6
13	7.2	6.6	6.9	6.8	6.8	6.7	6.7	6.6
14	6.6	6.5	7.0	6.8	6.8	6.6	6.7	6.6
15	6.5	6.2	7.1	7.0	6.8	6.7	6.7	6.6
16	6.2	6.0	7.2	7.0	7.0	6.7	---	---
17	6.1	6.0	7.1	6.9	7.0	6.9	---	---
18	6.3	6.0	6.9	6.8	7.0	6.9	---	---
19	6.4	6.1	---	---	7.0	6.9	---	---
20	6.5	6.4	---	---	6.9	6.9	---	---
21	6.6	6.5	---	---	6.9	6.9	---	---
22	6.5	6.5	---	---	6.9	6.8	---	---
23	6.5	6.1	---	---	6.8	6.7	6.7	6.6
24	6.1	5.8	---	---	6.7	6.6	6.7	6.6
25	6.2	5.9	---	---	---	---	6.6	6.5
26	6.3	6.2	6.6	6.6	---	---	6.7	6.6
27	---	---	6.8	6.6	---	---	6.8	6.7
28	---	---	6.9	6.6	---	---	6.7	6.6
29	---	---	6.6	6.0	---	---	6.6	6.5
30	---	---	6.3	6.1	---	---	6.6	6.4
31	---	---	6.5	6.3	---	---	6.7	6.6
MONTH	7.5	5.8	7.2	6.0	7.4	6.5	6.8	6.1

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02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	JUNE		JULY		AUGUST		SEPTEMBER	
1	6.8	6.7	---	---	---	---	6.6	6.4
2	6.8	6.8	---	---	---	---	6.6	6.4
3	6.8	6.7	---	---	---	---	6.7	6.6
4	6.8	6.7	6.8	6.8	---	---	6.7	6.6
5	6.8	6.7	6.8	6.7	---	---	6.7	6.6
6	6.8	6.5	6.8	6.7	---	---	6.8	6.5
7	6.8	6.7	6.8	6.7	---	---	6.8	6.7
8	6.8	6.7	6.8	6.7	6.5	6.1	6.7	6.5
9	6.8	6.7	6.8	6.7	6.3	6.1	6.8	6.5
10	6.8	6.8	6.8	6.7	6.5	6.4	6.9	6.9
11	6.8	6.8	6.8	6.8	6.6	6.5	7.1	6.5
12	6.8	6.6	6.8	6.2	6.7	6.6	6.5	6.4
13	---	---	6.8	6.6	6.7	6.7	6.4	6.4
14	---	---	6.6	6.5	6.8	6.7	6.5	6.4
15	---	---	6.6	6.5	6.8	6.7	6.6	6.5
16	---	---	6.6	6.5	6.7	6.2	6.5	6.5
17	---	---	6.6	6.4	---	---	6.5	6.5
18	---	---	6.5	6.4	---	---	6.5	6.4
19	---	---	6.4	6.3	---	---	6.5	6.5
20	---	---	6.3	6.3	---	---	6.5	6.4
21	---	---	6.5	6.4	---	---	6.9	6.1
22	---	---	6.6	6.5	6.7	6.6	7.4	6.0
23	---	---	6.6	6.6	6.9	6.5	7.6	6.9
24	---	---	6.6	6.5	6.9	6.5	7.4	6.7
25	---	---	6.6	6.6	6.8	6.8	7.2	6.6
26	---	---	---	---	6.8	6.8	7.2	6.5
27	---	---	---	---	6.8	6.4	---	---
28	---	---	---	---	6.5	6.4	---	---
29	---	---	---	---	6.5	6.5	---	---
30	---	---	---	---	6.5	6.4	---	---
31	---	---	---	---	6.6	6.4	---	---
MONTH	6.8	6.5	6.8	6.2	6.9	6.1	7.6	6.0
YEAR	7.6	5.9						

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.5	7.5	9.0	15.5	13.0	14.0	10.0	8.5	9.0	2.0	1.0	1.5
2	12.0	8.0	10.0	15.5	13.0	14.5	9.0	7.5	8.5	3.0	1.0	2.0
3	12.0	8.0	10.0	15.5	12.5	14.0	11.0	8.5	10.0	4.0	2.5	3.5
4	13.0	9.0	11.0	15.5	14.5	15.0	12.5	11.0	12.0	4.5	3.0	3.5
5	15.0	12.0	13.5	15.0	12.5	14.0	12.0	11.0	11.5	6.0	4.5	5.0
6	15.0	12.0	13.5	13.0	10.5	11.5	12.5	11.5	12.0	7.0	5.0	6.0
7	12.5	10.0	11.5	11.5	10.0	11.0	12.0	10.5	11.0	7.0	5.5	6.5
8	12.0	9.0	10.5	13.0	10.0	11.5	10.0	8.5	9.0	6.5	4.5	5.5
9	12.0	10.5	11.5	14.0	11.5	12.5	8.5	7.5	8.0	6.5	4.5	5.5
10	13.0	10.5	12.0	15.5	14.0	14.5	8.0	7.0	7.5	8.0	6.0	6.5
11	12.0	11.0	11.5	14.5	12.5	13.5	9.0	7.5	8.5	8.0	7.0	7.5
12	14.0	11.5	13.0	12.0	10.0	11.0	10.5	9.5	10.0	6.5	5.5	6.0
13	21.0	13.5	17.5	10.0	8.5	9.5	10.5	9.5	10.5	5.0	4.5	4.5
14	19.0	17.0	18.0	8.5	6.5	8.0	10.5	10.5	10.5	6.0	4.5	5.0
15	17.5	15.5	16.5	10.5	8.5	9.5	10.5	10.0	10.5	5.5	4.5	5.5
16	17.5	14.5	16.0	10.0	8.5	9.5	9.5	8.5	9.0	7.0	5.5	6.0
17	17.5	14.5	16.0	9.5	7.5	8.5	9.0	8.0	8.5	7.5	6.5	7.0
18	17.5	14.5	16.0	9.5	7.0	8.5	8.0	7.0	7.5	8.0	7.5	8.0
19	18.0	15.0	16.5	10.0	7.5	8.5	8.0	7.5	8.0	8.0	7.0	7.5
20	18.5	17.0	17.5	10.5	9.0	10.0	8.0	7.0	7.5	6.5	5.0	6.0
21	17.5	15.5	16.5	11.0	9.5	10.0	7.0	6.0	6.5	---	---	---
22	15.5	14.0	15.0	11.0	8.5	10.0	6.5	5.5	6.0	---	---	---
23	15.0	14.0	14.5	12.0	9.0	10.5	7.5	6.5	7.0	---	---	---
24	17.0	15.0	16.0	14.0	12.0	13.0	7.5	5.0	6.5	---	---	---
25	16.5	15.0	16.0	13.5	11.5	12.5	4.5	1.5	3.0	---	---	---
26	16.0	14.5	15.5	11.5	10.0	10.5	1.5	1.0	1.0	7.5	6.0	7.0
27	14.5	12.5	13.5	10.5	9.0	10.0	2.0	1.0	1.5	9.0	7.5	8.0
28	14.0	11.0	12.5	12.5	10.5	11.5	3.5	2.0	3.0	8.0	6.5	7.5
29	14.5	10.5	13.0	12.0	10.5	11.5	5.0	3.5	4.0	8.0	6.5	7.5
30	14.5	13.0	13.5	10.0	9.0	9.5	4.5	3.5	4.0	8.5	6.0	7.0
31	14.5	13.0	13.5	---	---	---	3.0	2.0	2.5	7.5	5.0	6.0
MONTH	21.0	7.5	14.0	15.5	6.5	11.5	12.5	1.0	7.5	9.0	1.0	6.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.0	4.0	5.5	---	---	---	15.0	12.5	13.5	---	---	---
2	7.0	3.5	5.0	5.0	3.5	4.5	15.0	12.5	13.5	19.5	17.5	18.5
3	7.0	5.0	6.0	10.5	2.5	6.0	14.0	13.0	13.5	17.5	16.5	17.0
4	14.0	7.0	9.5	13.0	2.0	7.0	14.5	13.5	14.0	18.5	16.5	17.5
5	17.5	7.0	10.0	10.0	6.0	8.0	15.0	13.0	14.0	18.5	17.0	17.5
6	15.0	5.0	7.0	13.5	9.0	10.0	15.0	13.0	14.0	18.5	18.0	18.0
7	7.0	3.5	5.0	10.5	7.5	10.0	15.0	12.0	14.0	18.5	18.0	18.0
8	10.0	2.5	4.5	10.0	4.0	7.5	15.0	13.5	14.5	19.0	18.0	18.5
9	11.5	3.0	5.5	7.5	3.5	6.0	14.5	11.5	13.5	18.0	17.0	17.5
10	7.0	4.0	5.5	7.5	.5	4.0	11.5	10.0	10.5	17.0	15.5	16.5
11	10.0	7.0	8.5	8.0	.2	4.0	13.5	9.5	11.5	17.5	15.5	16.5
12	11.5	9.0	10.5	9.5	.5	5.0	15.5	10.0	13.0	19.0	16.5	18.0
13	12.5	11.5	12.0	8.0	4.5	6.0	17.0	13.5	15.0	20.5	18.5	19.5
14	13.0	12.0	12.5	11.0	3.5	6.5	17.5	14.5	16.5	22.0	19.5	21.0
15	13.0	11.0	12.0	14.5	5.0	10.5	17.5	15.0	16.5	20.5	19.5	20.0
16	13.5	8.0	10.5	21.0	11.5	15.5	17.5	15.0	16.5	---	---	---
17	11.0	4.0	7.0	19.5	13.0	15.5	16.0	14.5	15.5	---	---	---
18	13.5	4.5	9.0	17.0	13.5	15.0	15.0	13.5	14.5	---	---	---
19	18.0	7.0	11.5	---	---	---	14.0	12.5	13.0	---	---	---
20	19.0	10.5	15.0	---	---	---	13.0	12.5	12.5	---	---	---
21	12.0	10.5	11.0	---	---	---	15.0	12.5	13.5	---	---	---
22	10.5	9.0	10.0	---	---	---	15.0	14.5	15.0	---	---	---
23	12.5	9.0	10.0	---	---	---	14.0	12.5	13.5	23.5	21.0	22.0
24	14.5	8.5	10.5	---	---	---	13.5	12.5	13.0	23.0	21.5	22.5
25	14.0	11.0	12.5	---	---	---	---	---	---	22.5	21.0	22.0
26	12.5	9.0	10.5	15.0	13.5	14.5	---	---	---	23.5	21.0	22.5
27	---	---	---	13.5	13.0	13.5	---	---	---	25.5	22.0	23.5
28	---	---	---	17.0	13.5	15.5	---	---	---	24.5	23.0	23.5
29	---	---	---	15.5	14.5		---	---	---			
30	---	---	---	14.5	13.0	14.0	---	---	---	22.5	20.0	21.5
31	---	---	---	14.0	12.0	13.0				20.0	13.5	19.0
MONTH	19.0	2.5	9.0	21.0	.2	10.0	17.5	9.5	14.0	25.5	15.5	19.5

BEST COPY AVAILABLE

02160105 TYGER RIVER NEAR DELTA, SC—Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.0	17.0	18.5	—	—	—	—	—	—	26.0	24.0	25.0
2	21.5	18.0	20.0	—	—	—	—	—	—	26.0	23.5	25.0
3	23.0	19.5	21.5	—	—	—	—	—	—	26.0	24.0	25.0
4	24.0	21.0	22.5	26.5	24.0	25.5	—	—	—	25.0	23.5	24.5
5	24.5	22.0	23.5	26.5	23.0	25.5	—	—	—	24.0	22.5	23.5
6	25.5	22.5	24.5	26.5	24.5	25.5	—	—	—	23.0	21.0	22.0
7	26.5	23.5	25.0	26.5	24.5	25.5	—	—	—	22.0	20.0	21.0
8	26.5	23.5	25.0	27.0	25.0	26.0	27.0	26.0	26.5	21.5	20.0	21.0
9	26.5	23.5	25.0	26.0	24.5	25.5	27.5	25.5	26.5	21.5	20.0	21.0
10	26.5	23.5	25.0	27.0	24.5	26.0	26.5	25.5	26.0	23.0	20.5	22.0
11	26.5	23.5	25.0	28.5	25.5	27.0	26.0	24.5	25.5	23.5	21.0	22.5
12	26.0	24.0	25.0	29.5	26.5	28.0	26.0	25.0	25.5	24.0	22.0	23.0
13	—	—	—	29.0	26.5	27.5	25.0	24.5	25.0	25.0	23.0	24.0
14	—	—	—	26.0	25.5	26.0	26.0	24.5	25.0	26.0	23.5	24.5
15	—	—	—	26.5	24.5	25.5	26.5	25.0	25.5	25.5	24.0	24.5
16	—	—	—	27.0	25.5	26.0	26.5	25.5	26.0	24.0	22.5	23.5
17	—	—	—	26.0	25.0	25.5	—	—	—	22.5	20.5	21.5
18	—	—	—	24.5	24.0	24.5	—	—	—	20.5	19.0	19.5
19	—	—	—	24.5	24.0	24.0	—	—	—	20.0	18.0	19.0
20	—	—	—	24.5	24.0	24.0	—	—	—	20.0	18.0	19.0
21	—	—	—	25.0	24.0	24.5	—	—	—	21.0	18.5	19.5
22	—	—	—	25.0	24.0	24.5	26.0	24.0	24.5	21.5	17.5	20.0
23	—	—	—	24.5	23.5	24.0	25.5	24.0	25.0	22.5	20.0	21.5
24	—	—	—	25.5	23.5	24.5	25.5	23.5	24.5	22.0	19.5	21.0
25	—	—	—	27.0	24.5	25.5	25.0	23.5	24.5	22.0	19.5	21.0
26	—	—	—	—	—	—	24.0	23.5	23.5	21.5	19.0	20.5
27	—	—	—	—	—	—	25.0	23.0	24.0	—	—	—
28	—	—	—	—	—	—	25.0	23.5	24.0	—	—	—
29	—	—	—	—	—	—	24.5	23.5	24.0	—	—	—
30	—	—	—	—	—	—	25.5	23.0	24.5	—	—	—
31	—	—	—	—	—	—	26.0	24.0	25.0	—	—	—
MONTH	26.5	17.0	23.5	29.5	23.5	25.5	27.5	23.0	25.0	26.0	17.5	22.0
YEAR	29.5	.2	14.5									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.4	8.1	8.3	8.6	8.4	8.5	13.0	12.6	12.9	13.7	12.7	13.4
2	9.3	7.9	8.2	8.8	8.4	8.6	13.1	12.7	13.0	14.2	13.7	14.0
3	8.2	7.7	8.0	9.5	8.5	8.9	12.8	10.0	11.2	13.7	13.3	13.5
4	7.9	7.5	7.8	8.8	8.0	8.4	10.1	8.8	9.2	13.5	13.0	13.3
5	7.5	7.0	7.3	8.4	8.0	8.3	9.8	9.2	9.5	13.0	12.6	12.9
6	7.2	6.9	7.1	8.8	8.1	8.5	9.8	9.1	9.5	12.7	11.8	12.3
7	8.3	6.9	7.8	8.8	8.3	8.5	9.6	9.1	9.4	12.8	11.2	12.1
8	8.3	7.9	8.2	8.5	6.7	7.8	10.3	9.6	10.0	13.0	11.4	12.4
9	8.1	7.4	7.7	7.2	6.7	7.0	10.5	10.1	10.4	13.0	11.5	12.7
10	8.3	7.7	8.0	7.2	7.0	7.1	10.6	10.2	10.4	12.8	11.0	11.5
11	8.3	7.7	8.0	7.8	7.0	7.5	10.3	9.9	10.2	11.2	11.0	11.1
12	8.1	7.9	8.0	8.7	7.8	8.4	9.9	9.5	9.7	12.1	11.2	11.8
13	8.2	7.6	8.0	9.7	8.8	9.4	10.1	9.6	9.9	12.3	12.1	12.2
14	7.9	7.5	7.8	10.8	9.7	10.4	9.9	9.2	9.7	12.6	12.1	12.5
15	8.2	7.8	8.1	10.7	10.1	10.6	9.5	9.2	9.4	12.4	12.1	12.3
16	8.5	8.0	8.4	10.4	9.9	10.2	9.9	9.6	9.8	12.5	12.2	12.4
17	8.8	8.3	8.6	10.2	10.0	10.2	9.9	9.7	9.9	12.4	12.0	12.3
18	9.1	8.5	8.8	10.7	10.2	10.5	10.0	9.8	10.0	11.9	11.6	11.8
19	8.9	8.5	8.8	10.9	10.5	10.7	10.1	9.9	10.0	11.7	11.6	11.7
20	8.7	8.4	8.6	10.5	10.2	10.4	10.3	10.0	10.3	12.2	11.6	11.8
21	8.6	8.3	8.5	10.6	10.2	10.4	10.6	10.2	10.5	---	---	---
22	8.9	8.4	8.6	10.9	10.2	10.5	10.7	10.3	10.6	---	---	---
23	8.9	8.6	8.8	10.2	9.6	10.0	10.3	10.0	10.2	---	---	---
24	8.6	8.2	8.4	9.6	8.8	9.3	10.6	9.9	10.2	---	---	---
25	8.4	8.1	8.3	11.5	8.5	9.5	12.1	10.7	11.4	---	---	---
26	8.9	8.3	8.7	12.6	11.6	12.3	12.5	11.1	12.2	10.9	10.7	10.8
27	9.3	8.7	9.1	13.0	12.3	12.7	12.3	11.4	12.1	11.0	9.7	10.6
28	9.3	8.7	9.1	12.3	9.1	10.4	12.2	11.5	11.8	10.5	9.4	9.9
29	9.0	8.5	8.8	12.6	9.1	10.4	11.5	11.1	11.4	11.2	10.3	10.7
30	8.6	8.4	8.5	13.1	12.6	12.9	11.4	11.0	11.3	11.7	10.1	10.7
31	8.6	8.3	8.5	---	---	---	12.5	11.5	12.1	11.5	10.6	11.1
MONTH	9.3	6.9	8.3	13.1	6.7	9.6	13.1	8.8	10.6	14.2	9.4	12.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.3	10.4	11.0	---	---	---	9.9	9.4	9.7	---	---	---
2	12.1	10.8	11.2	11.2	9.6	10.5	10.0	9.3	9.6	8.4	8.0	8.2
3	12.0	10.1	11.2	10.1	6.9	8.4	10.0	9.2	9.8	8.6	8.4	8.5
4	10.5	4.4	8.4	8.2	5.6	7.2	9.7	9.0	9.5	8.4	8.2	8.4
5	10.5	3.7	7.7	7.1	4.9	6.3	9.4	9.0	9.3	8.7	8.2	8.5
6	11.0	4.4	9.1	7.4	6.0	6.7	9.6	8.9	9.3	8.9	8.5	8.7
7	11.3	5.7	10.1	8.7	6.1	7.4	9.6	9.0	9.4	8.5	8.3	8.5
8	12.1	6.8	10.2	10.2	7.0	8.5	9.5	8.7	9.2	8.5	8.4	8.5
9	11.8	4.7	9.2	9.2	7.4	8.2	9.3	8.9	9.1	8.9	8.4	8.7
10	11.5	10.6	11.2	8.6	7.2	8.0	10.1	9.0	9.7	9.3	8.3	9.1
11	10.7	9.7	10.4	9.5	7.2	8.5	10.2	5.4	9.1	9.4	9.1	9.3
12	9.6	8.8	9.4	9.5	7.5	8.4	10.0	8.6	9.2	9.2	9.0	9.2
13	8.9	7.8	8.5	8.4	6.1	7.3	10.0	9.2	9.8	9.0	8.7	8.9
14	8.6	6.8	7.9	10.0	6.5	7.7	9.4	8.9	9.2	8.7	8.6	8.7
15	8.1	7.2	7.6	7.7	6.2	7.0	9.1	8.5	8.8	8.9	8.6	8.8
16	7.9	5.6	6.9	8.3	5.1	7.2	9.2	8.4	9.0	---	---	---
17	8.7	---	---	7.4	4.7	5.6	9.4	8.9	9.2	---	---	---
18	8.5	3.5	5.2	7.8	5.4	6.0	10.1	9.2	9.6	---	---	---
19	5.8	1.6	4.0	---	---	---	9.9	9.6	9.8	---	---	---
20	10.9	2.1	5.3	---	---	---	9.9	9.7	9.8	---	---	---
21	11.4	8.9	9.6	---	---	---	9.8	9.4	9.7	---	---	---
22	9.7	8.9	9.4	---	---	---	9.3	8.7	9.0	---	---	---
23	10.3	4.3	9.1	---	---	---	9.2	8.7	9.0	7.7	7.5	7.7
24	10.9	9.7	10.3	---	---	---	9.3	8.9	9.0	7.5	7.3	7.5
25	10.8	8.7	9.6	---	---	---	---	---	---	7.6	7.3	7.5
26	10.1	8.4	9.7	9.1	8.7	8.9	---	---	---	7.7	7.5	7.6
27	---	---	---	9.4	8.7	9.2	---	---	---	7.5	5.5	7.3
28	---	---	---	9.7	8.7	9.2	---	---	---	7.7	7.4	7.5
29	---	---	---	9.0	8.3	8.8	---	---	---	7.6	7.3	7.5
30	---	---	---	9.2	8.6	9.0	---	---	---	7.8	7.4	7.6
31	---	---	---	9.9	9.0	9.6	---	---	---	8.3	7.8	8.2
MONTH	12.1	1.6	8.9	11.2	4.7	8.0	10.2	5.4	9.4	9.4	5.5	8.3

BEST COPY AVAILABLE

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.6	8.3	8.5	---	---	---	---	---	---	6.8	6.6	6.8
2	8.4	8.0	8.3	---	---	---	---	---	---	6.9	6.7	6.8
3	8.1	7.7	8.0	---	---	---	---	---	---	6.9	6.7	6.8
4	7.9	7.6	7.8	7.2	6.9	7.1	---	---	---	6.9	6.7	6.9
5	7.7	7.5	7.7	7.5	7.2	7.4	---	---	---	7.1	5.9	6.8
6	7.8	7.4	7.6	7.6	7.4	7.6	---	---	---	7.4	6.9	7.3
7	7.5	7.2	7.4	7.6	7.4	7.5	---	---	---	7.6	6.9	7.4
8	7.5	7.1	7.3	7.6	7.4	7.5	6.9	6.8	6.9	7.4	5.9	6.5
9	7.4	7.0	7.3	7.8	7.5	7.7	7.0	6.8	6.9	7.6	5.9	7.0
10	7.3	6.9	7.2	7.7	7.2	7.6	7.0	6.8	6.9	7.7	7.2	7.5
11	7.3	7.0	7.2	7.4	6.9	7.2	7.0	6.8	7.0	7.5	6.2	7.2
12	7.2	7.3	7.2	7.8	6.8	7.1	7.0	6.9	7.0	6.5	5.6	6.1
13	---	---	---	7.1	6.8	7.0	7.0	6.9	7.0	5.7	5.0	5.4
14	---	---	---	7.2	6.9	7.1	7.0	6.7	6.9	8.0	4.9	7.4
15	---	---	---	7.4	7.0	7.3	6.9	6.7	6.9	8.0	4.7	6.8
16	---	---	---	7.2	7.1	7.2	6.9	6.8	6.9	7.6	6.3	7.4
17	---	---	---	7.5	7.2	7.4	---	---	---	8.0	7.6	7.9
18	---	---	---	7.3	7.1	7.3	---	---	---	8.6	7.4	8.3
19	---	---	---	7.3	7.1	7.3	---	---	---	8.6	8.1	8.4
20	---	---	---	7.1	7.1	7.1	---	---	---	8.1	7.4	7.8
21	---	---	---	7.2	7.1	7.2	---	---	---	8.2	7.1	7.5
22	---	---	---	7.3	7.2	7.3	7.2	6.9	7.1	8.1	7.3	7.7
23	---	---	---	7.5	7.3	7.4	7.1	6.9	7.1	7.8	7.4	7.6
24	---	---	---	7.4	7.0	7.3	7.1	6.8	7.0	7.8	7.4	7.6
25	---	---	---	7.1	6.8	7.1	7.0	6.8	7.0	7.6	7.3	7.5
26	---	---	---	---	---	---	7.0	6.7	7.0	7.7	7.2	7.5
27	---	---	---	---	---	---	7.0	6.4	6.7	---	---	---
28	---	---	---	---	---	---	6.8	6.4	6.8	---	---	---
29	---	---	---	---	---	---	6.9	6.7	6.9	---	---	---
30	---	---	---	---	---	---	7.0	6.6	6.9	---	---	---
31	---	---	---	---	---	---	6.8	6.6	6.8	---	---	---
MONTH	8.6	6.9	7.6	7.8	6.8	7.3	7.2	6.4	6.9	8.6	4.7	7.2
YEAR	14.2	1.6	8.8									

02160700 ENOREE RIVER AT WHITMIRE, SC

LOCATION.--Lat 34°30'33", long 81°35'54", Union County, Hydrologic Unit 03050108, on left bank at upstream side of bridge on U.S. Highway 176, 0.4 mi downstream from Seaboard Coast Line Railroad, 0.5 mi northeast of Whitmire, and at mile 19.2.

DRAINAGE AREA.--444 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to current year.

GAGE.--Water-stage recorder. Datum of gage is 300.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor.

AVERAGE DISCHARGE.--11 years, 623 ft³/s, 19.06 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,700 ft³/s Oct. 10, 1976, gage height 32.58 ft; minimum, 108 ft³/s Sept. 17, 1980, gage height, 14.50 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Dec. 7	1600	5700	25.52	Feb. 29	0500	4230	24.07
Jan. 12	0200	4350	24.21	Mar. 30	1200	4040	23.82
Feb. 16	0300	5430	25.29	May 8	2300	*5920	*25.70

Minimum, 121 ft³/s, Oct. 10, gage height, 14.48 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	137	182	600	653	550	1870	1120	780	579	915	1490	420
2	137	182	550	588	524	1130	932	794	537	609	1180	390
3	136	182	527	554	513	952	869	1390	510	478	1740	420
4	140	183	1890	525	552	847	916	2970	483	429	1030	370
5	132	201	3410	501	596	900	934	2530	459	402	713	330
6	141	195	4620	491	555	1400	981	2330	451	435	618	370
7	147	183	5360	474	520	3000	771	3490	438	605	575	410
8	146	178	5600	459	495	1900	719	5420	424	477	517	470
9	145	181	2000	432	474	1330	702	5160	413	386	483	540
10	134	187	1100	1010	467	1070	1570	2570	395	355	465	650
11	131	191	1000	3540	469	936	2070	1340	384	342	542	370
12	143	190	1500	3810	472	852	1360	1080	378	330	629	330
13	181	189	2920	1420	852	863	696	940	369	320	677	300
14	320	187	1800	966	3050	1100	980	848	360	622	720	340
15	293	210	1250	793	4570	980	815	781	354	978	644	290
16	231	321	950	694	5120	838	763	728	344	1080	633	270
17	195	550	800	632	2000	776	705	691	346	1480	599	300
18	177	360	750	737	1400	733	668	653	360	1520	536	339
19	173	274	700	2220	1100	708	645	635	342	1680	488	297
20	170	254	680	2580	900	693	675	610	325	1910	484	297
21	168	252	660	1270	800	742	745	584	347	866	599	295
22	168	268	760	906	692	899	778	575	408	693	616	294
23	170	269	1400	767	1400	739	1230	622	467	781	474	295
24	217	257	1000	700	2550	666	1510	1050	544	588	434	292
25	346	667	800	726	1650	664	1110	773	425	508	418	293
26	287	1150	700	857	1050	735	945	607	402	456	403	297
27	221	711	540	740	1580	670	747	579	362	434	436	276
28	204	474	594	688	3310	893	974	593	344	501	452	265
29	186	459	1200	637	4020	2620	959	917	378	768	402	267
30	186	700	1180	604	---	3890	780	958	588	1660	440	286
31	183	---	793	577	---	2160	---	662	---	2380	470	---
TOTAL	5745	9787	47634	31551	42231	37556	28669	43610	12516	24988	19906	10323
MEAN	185	326	1537	1018	1456	1211	956	1407	417	806	642	344
MAX	346	1150	5600	3810	5120	3890	2070	5420	588	2380	1740	650
MIN	131	178	527	432	467	664	645	575	325	320	402	265

CAL YR 1983 TOTAL 246528 MEAN 675 MAX 5600 MIN 131
WTR YR 1984 TOTAL 314516 MEAN 859 MAX 5600 MIN 131

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1974 to current year.

SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 127 microsiemens Dec. 23, 1979, minimum, 21 microsiemens Feb. 28, 1984.
pH: Maximum, 7.9 units Aug. 13, 1980; minimum, 5.6 units Sept. 18, 1977.
WATER TEMPERATURE: Maximum, 31.0°C July 21, 1981, minimum, 0.5°C Jan. 19, 20, 1977, Jan. 11, 12, 1981.
DISSOLVED OXYGEN: Maximum, 13.4 mg/L Jan. 20, 1976; minimum, 2.0 mg/L Sept. 6, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 92 microsiemens Oct. 6, 12; minimum, 21 microsiemens Feb. 28.
pH: Maximum, 7.5 units, December 2; minimum, 6.0 units Feb. 15, 16, May 8, 9.
WATER TEMPERATURE: Maximum, 29.6°C June 19, 20; minimum, 1.9°C Dec. 27.
DISSOLVED OXYGEN: Maximum, 13.4 mg/L Feb. 9; minimum, 4.9 mg/L June 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	80	66	68	81	72	77	58	56	57	47	45	46
2	69	67	68	76	72	73	58	52	56	49	47	48
3	70	66	69	72	69	70	57	55	56	52	49	50
4	86	66	75	82	71	76	55	40	49	53	50	51
5	89	79	82	75	71	73	42	37	41	58	52	54
6	92	84	86	73	68	71	41	36	39	59	54	56
7	86	79	82	73	70	72	35	29	32	59	56	57
8	90	75	79	75	65	69	32	29	30	59	56	57
9	79	73	75	69	64	67	40	31	35	59	56	57
10	80	75	78	73	69	71	42	40	41	57	35	49
11	80	78	79	73	70	71	48	42	44	37	35	36
12	92	79	84	73	70	71	51	32	43	44	38	40
13	84	79	82	72	69	70	34	32	32	48	44	46
14	78	72	75	71	67	69	41	34	38	54	48	51
15	72	68	70	73	68	70	44	41	42	54	51	53
16	69	66	67	77	67	70	45	43	44	57	54	56
17	70	67	68	68	63	66	48	45	47	62	54	56
18	73	67	70	66	60	64	50	48	49	55	47	53
19	75	70	73	68	59	63	54	50	52	46	40	42
20	77	73	75	73	68	70	55	53	54	41	39	40
21	79	76	78	70	67	68	54	52	54	45	42	43
22	79	76	78	71	67	69	54	52	53	47	45	46
23	86	75	79	75	69	71	52	47	48	49	46	47
24	81	77	79	78	71	75	49	46	47	50	47	48
25	81	74	79	77	71	75	48	46	46	53	50	51
26	76	70	72	73	66	69	48	46	47	56	53	54
27	73	65	67	70	62	66	49	47	48	55	51	53
28	75	67	69	68	60	65	51	48	49	56	53	54
29	75	66	70	68	59	62	49	45	46	55	53	54
30	79	72	76	60	57	58	47	45	46	55	53	54
31	81	78	80	---	---	---	45	44	45	54	52	53
MONTH	92	65	75	82	57	69	58	29	45	62	35	50

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	54	51	52	34	27	31	43	39	41	52	49	50
2	55	50	52	38	34	35	46	42	44	56	51	52
3	52	50	51	42	[illegible]	39	47	44	45	60	56	58
4	49	44	47	47	41	44	48	46	46	62	---	38
5	51	48	49	47	40	45	49	46	47	33	28	31
6	52	49	50	38	31	32	49	48	49	44	31	38
7	49	46	48	34	30	32	53	47	50	39	22	30
8	47	45	46	37	32	34	57	52	55	24	22	23
9	49	45	46	39	36	37	57	54	56	30	23	25
10	51	46	49	42	38	40	54	43	48	34	29	31
11	54	50	52	43	40	41	43	39	40	39	33	36
12	58	51	53	47	42	44	44	40	42	41	36	39
13	57	36	51	49	47	48	49	44	46	44	41	42
14	37	29	33	48	43	46	52	49	50	47	44	45
15	29	26	27	46	42	44	54	51	53	48	44	46
16	29	24	26	49	44	47	55	52	53	47	43	45
17	34	29	32	50	48	48	54	52	53	47	43	45
18	36	33	34	50	48	49	56	52	54	49	43	46
19	38	35	36	50	47	48	56	54	54	53	46	49
20	42	38	40	49	46	47	54	53	53	54	49	52
21	43	42	42	47	43	45	62	53	57	56	50	53
22	43	41	42	44	40	42	59	55	57	55	51	53
23	40	31	35	45	39	41	56	49	51	58	52	54
24	31	27	29	45	42	44	51	43	46	52	39	47
25	39	31	36	49	44	47	46	42	44	45	38	42
26	40	36	37	45	42	44	50	44	47	51	46	48
27	41	25	33	47	43	45	51	49	50	54	50	52
28	25	21	22	50	42	47	49	43	47	55	48	53
29	27	22	24	41	30	33	47	42	44	55	45	51
30	---	---	---	34	29	31	51	45	47	44	41	42
31	---	---	---	41	34	37	---	---	---	44	40	42
MONTH	58	21	40	50	27	42	62	39	49	62	22	44

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	49	44	46	---	---	---	54	49	50	65	62	63
2	52	47	49	---	---	---	58	51	53	69	63	66
3	55	48	51	58	49	53	59	43	48	77	65	67
4	57	51	54	57	53	55	56	50	52	65	57	63
5	64	55	58	59	56	58	---	---	---	59	54	56
6	58	55	57	61	56	58	63	60	62	59	57	58
7	58	55	56	62	54	59	64	62	63	63	59	61
8	58	55	57	57	53	55	66	63	64	63	59	61
9	57	55	56	62	55	58	69	64	67	65	61	62
10	58	53	55	65	60	63	74	67	69	67	64	65
11	58	51	55	64	61	63	70	64	67	68	64	66
12	60	56	57	65	61	63	68	60	64	68	64	66
13	63	56	58	69	63	66	63	60	61	70	66	68
14	64	54	57	65	52	60	60	57	58	71	66	68
15	61	56	58	59	42	51	60	57	58	70	66	68
16	62	58	59	45	39	42	61	58	59	69	67	68
17	64	59	61	45	36	39	64	58	61	68	65	66
18	65	62	63	46	37	42	70	59	62	66	63	64
19	71	64	68	45	36	40	65	61	63	65	63	64
20	68	65	66	45	36	40	63	61	62	67	62	65
21	66	55	63	48	44	46	62	57	60	70	65	67
22	66	62	63	51	48	49	57	51	53	73	64	68
23	64	58	61	52	48	50	56	52	54	71	68	73
24	60	54	56	53	45	49	61	56	58	72	68	70
25	60	54	56	57	52	55	62	59	60	75	71	73
26	65	58	61	62	55	58	62	60	51	74	69	71
27	65	58	61	62	58	59	66	61	64	76	66	69
28	63	59	61	60	58	58	75	62	66	69	67	68
30	62	56	59	---	---	---	64	61	62	70	66	68
31	---	---	---	---	---	---	64	62	63	---	---	---
MONTH	71	44	58	69	36	53	75	43	60	77	54	66
YEAR	92	21	54									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.0	6.9	6.6	6.6	6.8	6.6	6.8	6.7	6.8	6.8	6.5	6.4
2	7.0	7.0	6.7	6.6	7.5	6.8	6.8	6.8	6.9	6.8	6.5	6.5
3	7.0	7.0	7.0	6.6	7.0	6.8	6.8	6.8	6.9	6.8	6.6	6.5
4	7.0	6.8	7.0	6.8	6.8	6.7	7.0	6.8	6.8	6.7	6.6	6.6
5	6.7	6.6	6.8	6.7	6.7	6.5	6.9	6.8	6.8	6.8	6.6	6.5
6	6.6	6.6	6.7	6.7	6.5	6.3	6.9	6.9	6.9	6.8	6.5	6.2
7	6.6	6.6	6.7	6.7	6.3	6.2	7.0	6.9	6.9	6.8	6.5	6.3
8	6.6	6.6	6.7	6.6	6.2	6.1	7.0	7.0	6.9	6.9	6.5	6.3
9	6.7	6.6	6.7	6.6	6.3	6.1	7.1	7.0	6.9	6.8	6.6	6.5
10	6.7	6.6	6.7	6.7	6.5	6.3	7.1	6.6	6.9	6.8	6.7	6.6
11	6.6	6.6	6.7	6.7	6.5	6.5	6.7	6.6	6.8	6.8	6.7	6.7
12	6.7	6.6	6.7	6.7	6.5	6.4	6.7	6.6	6.8	6.7	6.7	6.7
13	6.6	6.6	6.7	6.7	6.4	6.3	6.7	6.6	6.7	6.3	6.7	6.7
14	6.6	6.5	6.7	6.7	6.4	6.3	6.8	6.7	6.3	6.1	6.7	6.6
15	6.5	6.5	6.7	6.7	6.5	6.4	6.8	6.7	6.1	6.0	6.6	6.6
16	6.5	6.5	6.7	6.7	6.6	6.5	6.8	6.8	6.1	6.0	6.6	6.2
17	6.6	6.5	6.7	6.6	6.7	6.6	7.0	6.8	6.3	6.1	6.7	6.6
18	6.6	6.5	6.6	6.5	6.7	6.7	6.9	6.8	6.3	6.3	6.7	6.7
19	6.6	6.5	6.5	6.5	6.8	6.7	6.8	6.7	6.4	6.3	6.7	6.6
20	6.6	6.6	6.5	6.5	6.8	6.8	6.7	6.7	6.4	6.4	6.8	6.7
21	6.6	6.6	6.6	6.5	6.8	6.8	6.8	6.7	6.5	6.4	6.8	6.8
22	6.6	6.6	6.6	6.5	6.8	6.8	6.9	6.8	6.6	6.5	6.9	6.8
23	6.6	6.6	6.6	6.5	6.8	6.7	7.0	6.8	6.6	6.4	6.8	6.8
24	6.6	6.5	6.5	6.5	6.7	6.7	6.9	6.8	6.4	6.3	6.9	6.8
25	6.5	6.5	6.5	6.5	6.8	6.7	6.8	6.8	6.4	6.3	6.9	6.8
26	6.5	6.5	6.5	6.4	6.8	6.8	6.8	6.7	6.5	6.4	7.0	6.9
27	6.5	6.5	6.4	6.4	7.0	6.8	6.7	6.7	6.5	6.3	7.0	6.9
28	6.6	6.5	6.4	6.3	6.9	6.8	6.8	6.7	6.3	6.3	7.0	6.9
29	6.6	6.6	6.5	6.4	6.8	6.7	6.8	6.7	6.4	6.3	6.8	6.5
30	6.6	6.6	6.6	6.5	6.7	6.7	6.8	6.8	---	---	6.6	6.5
31	6.6	6.6	---	---	6.7	6.7	6.8	6.8	---	---	6.8	6.6
MONTH	7.0	6.5	7.0	6.3	7.5	6.1	7.1	6.6	6.9	6.0	7.0	6.2

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.8	7.0	6.9	6.8	6.7	6.8	6.6	6.5	6.4	6.9	6.9
2	6.9	6.7	7.1	7.0	6.8	6.8	---	---	6.6	6.5	6.9	6.9
3	6.9	6.8	7.1	7.1	6.8	6.8	6.8	6.7	6.6	6.4	6.9	6.9
4	6.8	6.7	7.0	6.5	6.8	6.7	6.8	6.8	6.5	6.4	6.9	6.8
5	6.7	6.4	6.6	6.6	6.9	6.7	6.8	6.8	---	---	6.9	6.8
6	6.7	6.7	6.6	6.5	6.9	6.8	6.8	6.8	6.7	6.7	6.9	6.8
7	6.8	6.7	6.5	6.1	6.9	6.9	6.8	6.7	6.7	6.7	7.0	6.9
8	6.8	6.8	6.1	6.0	6.9	6.9	6.8	6.7	6.8	6.7	7.0	6.9
9	6.8	6.8	6.2	6.0	6.9	6.9	6.8	6.8	6.8	6.8	7.0	6.9
10	6.8	6.8	6.3	6.2	6.9	6.9	6.8	6.8	6.8	6.8	7.0	6.9
11	6.8	6.7	6.5	6.3	7.0	6.9	6.9	6.8	6.9	6.8	6.9	6.9
12	6.7	6.7	6.5	6.5	6.9	6.9	6.9	6.7	6.8	6.7	6.9	6.9
13	6.8	6.7	6.5	6.5	6.9	6.9	6.8	6.8	6.8	6.7	6.9	6.9
14	6.8	6.7	6.6	6.5	6.9	6.9	6.8	6.6	6.7	6.7	6.9	6.8
15	6.8	6.8	6.6	6.6	7.0	6.9	6.7	6.5	6.8	6.7	6.9	6.8
16	6.9	6.8	6.7	6.6	6.9	6.9	6.5	6.4	6.8	6.7	6.9	6.9
17	6.9	6.8	6.7	6.7	6.9	6.9	6.6	6.3	6.8	6.7	7.0	6.9
18	6.9	6.9	6.8	6.7	6.9	6.9	6.5	6.3	6.8	6.7	7.0	6.9
19	6.9	6.9	6.8	6.7	6.9	6.8	6.5	6.4	6.8	6.8	7.0	7.0
20	6.9	6.9	6.7	6.7	6.9	6.8	6.4	6.3	6.9	6.8	7.0	7.0
21	6.9	6.9	6.7	6.7	6.9	6.7	6.5	6.4	6.9	6.8	7.0	6.9
22	6.9	6.9	6.7	6.7	6.9	6.7	6.6	6.5	6.8	6.7	7.0	6.9
23	6.9	6.8	6.7	6.7	6.9	6.9	6.7	6.6	6.8	6.8	7.0	6.9
24	6.8	6.7	6.7	6.5	6.9	6.8	6.6	6.6	6.9	6.8	7.0	6.9
25	6.8	6.7	6.6	6.5	6.9	6.8	6.7	6.6	6.9	6.8	7.0	6.9
26	6.8	6.7	6.7	6.6	6.9	6.8	6.7	6.7	6.9	6.8	7.0	6.9
27	6.8	6.7	6.7	6.6	6.9	6.8	6.8	6.7	6.9	6.9	6.9	6.9
28	6.8	6.7	6.7	6.6	6.9	6.9	6.8	6.7	6.9	6.8	7.0	6.9
30	6.7	6.7	6.6	6.6	6.9	6.8	6.7	6.5	7.0	6.9	7.0	6.9
31	---	---	6.7	6.6	---	---	6.5	6.4	6.9	6.8	---	---
MONTH	6.9	6.4	7.1	6.0	7.0	6.7	6.9	6.3	7.0	6.4	7.0	6.8
YEAR	7.5	6.0										

BEST COPY AVAILABLE

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.5	18.5	19.5	15.5	13.5	14.5	11.0	10.0	10.5	4.0	3.0	3.5
2	19.0	17.5	18.0	15.5	13.5	14.5	10.0	8.5	9.5	4.0	3.0	3.5
3	19.5	18.0	18.5	16.0	13.5	14.5	11.0	9.5	10.5	5.5	4.0	4.5
4	20.5	17.0	19.0	16.0	15.0	15.5	12.5	11.0	12.0	5.5	4.0	4.5
5	22.0	20.0	21.0	15.5	13.5	15.0	12.5	12.0	12.0	7.5	5.0	6.0
6	22.0	20.5	21.0	13.5	12.0	13.0	13.5	12.0	13.0	7.5	6.0	6.5
7	20.0	18.5	19.5	12.5	11.5	12.0	12.5	11.5	12.0	7.5	6.5	7.0
8	19.0	17.0	18.5	13.5	11.5	12.5	11.5	9.5	10.5	7.5	6.0	6.5
9	19.0	18.5	18.5	14.5	12.5	13.5	9.5	8.5	9.0	7.5	5.5	6.5
10	20.0	18.5	19.0	15.5	14.5	15.0	9.0	8.0	8.5	9.0	6.5	7.5
11	19.0	18.5	18.5	15.0	13.5	14.0	10.0	8.5	9.0	10.0	9.0	9.5
12	20.0	18.5	19.0	13.5	11.5	12.5	11.0	10.0	10.5	10.0	9.0	9.0
13	20.5	19.5	20.0	11.5	10.0	11.0	11.5	10.5	11.0	8.5	8.0	8.0
14	19.0	17.0	18.0	10.0	8.5	9.5	12.0	11.5	11.5	9.0	7.5	8.0
15	17.5	16.0	17.0	11.0	9.5	10.0	12.0	11.0	11.5	7.5	7.0	7.5
16	17.0	15.0	16.0	10.5	9.5	10.0	11.0	9.5	10.0	8.0	7.0	7.5
17	17.0	15.0	16.0	10.0	9.5	10.0	10.0	9.0	9.5	8.0	7.5	7.5
18	17.0	15.0	16.0	10.0	9.0	9.5	9.0	8.0	8.5	8.0	7.5	8.0
19	17.5	15.5	16.5	11.0	9.0	10.0	9.0	8.0	8.5	8.0	7.5	8.0
20	18.0	17.0	17.5	11.5	10.5	11.0	8.5	8.0	8.0	7.5	6.0	6.5
21	17.5	16.5	17.0	12.0	10.5	11.0	8.0	6.5	7.5	5.5	5.0	5.5
22	16.5	15.5	16.0	12.0	10.5	11.0	7.0	6.5	7.0	5.0	4.0	4.5
23	15.5	15.0	15.5	12.5	11.0	11.5	8.0	7.0	7.5	4.0	3.5	3.5
24	17.0	15.5	16.5	14.0	12.5	13.5	8.0	6.0	7.5	5.5	3.5	4.5
25	17.0	16.0	16.5	14.0	13.0	13.5	6.0	3.0	4.5	7.0	5.5	6.5
26	16.5	15.0	15.5	13.0	12.0	12.5	3.0	2.0	2.5	8.0	7.0	7.5
27	15.0	13.5	14.5	12.5	11.5	12.0	3.0	2.0	2.5	9.5	8.0	8.5
28	14.5	12.5	13.5	14.0	12.5	13.0	4.0	2.5	3.5	9.0	8.0	8.5
29	14.5	12.5	13.5	13.0	12.0	12.5	6.0	4.0	5.0	9.0	7.5	8.0
30	14.5	14.0	14.0	12.0	10.5	11.5	6.0	5.0	5.5	8.5	7.5	7.5
31	14.5	14.0	14.5	—	—	—	4.5	3.5	4.0	7.5	6.5	7.0
MONTH	22.0	12.5	17.0	16.0	8.5	12.5	13.5	2.0	8.5	10.0	3.0	6.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.5	5.5	6.0	7.0	6.5	7.0	14.0	12.5	13.5	22.0	20.0	21.0
2	6.5	5.0	5.5	8.0	6.5	7.5	14.5	12.5	13.5	20.0	18.5	19.0
3	7.0	5.5	6.5	9.5	7.5	8.5	13.5	13.5	13.5	20.0	18.0	19.0
4	9.0	7.0	8.0	10.0	8.5	9.0	14.0	13.5	14.0	18.0	17.0	17.5
5	9.0	8.0	8.5	10.5	9.5	10.0	14.5	13.0	14.0	18.0	16.5	17.5
6	7.5	6.5	7.0	11.5	10.5	11.0	14.5	13.5	14.0	19.5	17.5	18.5
7	6.0	5.0	5.5	11.0	10.5	11.0	15.0	12.5	14.0	19.0	18.5	18.5
8	5.5	4.0	4.5	10.5	10.0	10.5	15.0	14.0	14.5	19.5	18.5	19.0
9	6.0	3.5	4.5	10.5	9.5	10.0	14.5	12.5	14.0	18.5	17.5	18.0
10	7.0	4.5	6.0	9.5	8.0	9.0	12.5	11.0	11.5	17.5	16.5	17.5
11	9.5	7.0	8.5	9.0	7.5	8.5	12.5	10.5	11.5	18.0	16.5	17.5
12	11.0	8.5	10.0	9.5	8.0	9.0	14.0	12.0	13.0	19.0	17.5	18.5
13	12.5	10.5	11.5	10.5	9.5	10.0	15.0	14.0	15.0	20.5	19.0	20.0
14	12.5	12.0	12.5	12.0	10.0	11.0	17.5	15.5	16.5	21.5	20.0	21.0
15	12.5	11.0	12.0	13.5	11.5	12.5	18.0	16.5	17.0	22.0	20.0	20.5
16	11.5	10.5	11.0	14.5	12.5	13.5	17.0	16.0	16.5	21.0	19.0	19.5
17	11.5	10.5	11.0	15.0	14.0	14.5	16.0	15.0	15.5	20.0	17.5	18.5
18	11.5	10.5	11.0	14.5	14.0	14.5	15.0	14.0	14.5	20.0	17.0	18.5
19	11.5	10.5	11.0	16.0	13.5	14.5	13.5	13.0	13.5	21.0	18.0	19.5
20	12.5	11.5	12.0	16.0	15.0	15.5	13.0	13.0	13.0	22.5	20.0	21.0
21	12.5	11.5	12.0	15.5	13.5	14.5	14.5	13.0	13.5	23.5	21.0	22.0
22	11.0	10.5	11.0	14.0	12.5	13.0	15.0	14.5	14.5	24.0	21.0	22.0
23	10.0	10.0	10.0	14.5	12.0	13.0	14.5	13.5	14.0	22.0	20.5	21.5
24	10.5	9.0	9.5	15.0	12.5	13.5	14.0	13.5	14.0	22.0	21.0	21.5
25	11.0	10.0	10.5	16.5	14.5	15.5	16.0	13.5	15.0	22.0	20.5	21.5
26	10.5	9.5	10.0	15.5	14.5	15.0	18.5	16.0	17.5	22.5	21.0	22.0
27	9.5	8.5	9.0	14.5	13.5	14.0	18.5	18.0	18.0	23.5	21.5	22.5
28	8.0	7.5	8.0	16.5	13.5	15.0	19.0	17.5	18.5	23.5	22.0	23.0
29	7.0	6.5	7.0	15.5	14.5	15.0	19.5	18.5	19.0	23.0	22.5	23.0
30	---	---	---	14.0	13.0	13.5	20.5	19.5	20.0	22.0	20.0	21.5
31	---	---	---	13.5	12.0	12.5	---	---	---	20.0	18.5	19.5
MONTH	12.5	3.5	9.0	16.5	6.5	12.0	20.5	10.5	15.0	24.0	16.5	20.0

BEST COPY AVAILABLE

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.0	17.5	18.5	---	---	---	23.0	22.0	22.5	25.5	23.5	24.5
2	21.0	18.0	19.5	---	---	---	24.0	23.0	23.5	25.5	23.0	24.5
3	22.5	19.5	21.0	---	---	---	25.5	23.5	24.5	25.5	23.5	24.5
4	23.5	21.0	22.0	25.0	22.5	24.0	---	---	---	24.5	23.5	24.0
5	24.0	22.0	23.0	25.5	23.5	24.5	---	---	---	23.5	22.5	23.0
6	25.0	22.5	23.5	25.5	23.5	24.5	---	---	---	22.5	21.0	22.0
7	25.5	23.0	24.5	25.5	23.5	24.5	27.0	25.5	26.0	22.0	20.0	21.0
8	26.0	23.5	24.5	25.5	24.0	24.5	27.0	25.5	26.5	21.5	19.0	20.5
9	25.5	23.5	24.5	25.5	23.5	24.5	27.0	26.0	26.5	21.0	19.5	20.5
10	25.5	23.5	24.5	26.0	23.5	25.0	27.5	26.0	26.5	22.0	20.0	21.0
11	26.0	23.5	25.0	27.5	25.0	26.0	26.5	25.5	26.0	23.5	21.0	22.5
12	26.5	24.0	25.0	28.0	26.0	27.0	26.0	25.5	25.5	25.0	22.0	23.5
13	26.5	24.0	25.5	27.5	26.0	27.0	25.5	25.0	25.5	26.0	24.0	25.0
14	27.0	24.5	26.0	26.0	24.5	25.0	26.0	25.0	25.5	26.5	24.0	25.5
15	27.5	25.0	26.0	25.5	24.0	25.0	26.5	25.5	26.0	26.5	24.0	25.0
16	27.5	25.5	26.5	25.5	24.5	25.0	26.0	25.0	25.5	24.5	22.5	24.0
17	28.0	25.5	26.5	25.5	24.5	25.0	26.0	25.0	25.5	22.5	20.5	21.5
18	27.5	25.5	26.5	25.0	24.0	24.5	25.5	24.5	25.0	20.5	18.5	19.5
19	29.5	26.0	28.0	25.0	24.0	24.5	26.0	24.5	25.0	20.0	17.5	18.5
20	29.5	27.0	28.5	25.0	23.5	24.5	26.0	24.5	25.5	20.0	17.0	18.5
21	28.5	26.5	27.5	25.0	24.0	24.5	25.5	24.5	25.0	20.5	17.5	19.0
22	26.5	24.0	25.5	25.0	24.0	24.5	25.0	24.0	24.5	21.0	18.5	20.0
23	24.0	23.0	23.5	25.0	24.0	24.0	25.0	24.0	24.5	22.0	19.5	20.5
24	23.0	22.5	22.5	26.0	23.5	24.5	25.0	23.5	24.5	22.0	20.0	21.0
25	26.0	22.0	23.5	26.0	24.5	25.0	24.5	23.5	24.0	23.0	20.5	21.5
26	28.0	24.0	26.0	26.5	25.0	25.5	24.0	23.5	23.5	23.0	20.5	21.5
27	24.5	22.5	23.5	26.5	25.0	25.5	24.0	23.0	23.5	22.0	19.5	21.0
28	25.5	23.0	24.0	25.0	24.0	24.5	24.5	23.5	24.0	19.5	18.0	18.5
29	24.0	23.0	23.5	24.0	23.0	23.5	24.5	23.5	24.0	19.5	17.5	18.5
30	24.0	22.5	23.5	23.0	22.0	22.5	25.0	23.5	24.0	18.5	17.0	18.0
31	---	---	---	22.5	22.0	22.0	25.5	23.5	24.5	---	---	---
MONTH	29.5	17.5	24.5	28.0	22.0	24.5	27.5	22.0	25.0	26.5	17.0	21.5
YEAR	29.5	2.0	16.0									

BEST COPY AVAILABLE

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.9	7.5	7.7	9.7	9.3	9.5	11.5	11.2	11.4	10.9	10.5	10.7
2	8.0	7.7	7.9	9.4	9.1	9.3	11.2	9.7	10.8	11.0	10.6	10.9
3	7.9	7.6	7.8	10.5	8.6	9.6	9.7	9.4	9.6	11.0	10.5	10.9
4	7.6	6.8	7.4	10.0	8.2	9.3	10.4	9.4	9.8	11.0	10.5	10.9
5	---	---	---	8.0	5.7	6.5	10.8	8.7	9.4	12.5	10.5	10.9
6	---	---	---	7.2	6.3	6.8	9.1	8.8	9.0	11.0	10.6	10.9
7	---	---	---	7.9	6.8	7.6	10.0	9.0	9.5	11.1	10.8	11.0
8	---	---	---	8.0	7.7	8.0	10.8	9.9	10.3	11.4	11.1	11.3
9	---	---	---	7.8	7.4	7.6	10.8	10.2	10.5	11.6	11.3	11.5
10	---	---	---	7.9	7.6	7.8	11.1	10.8	11.0	11.5	10.3	11.1
11	---	---	---	8.3	7.8	8.1	11.0	10.6	10.8	11.0	10.2	10.7
12	---	---	---	9.3	8.4	9.0	10.6	9.6	10.3	10.8	10.5	10.7
13	---	---	---	9.9	9.2	9.6	10.5	9.2	9.9	11.4	10.8	11.2
14	---	---	---	10.4	9.8	10.2	10.2	9.7	9.9	12.7	10.5	11.2
15	---	---	---	10.4	10.1	10.2	9.9	9.6	9.8	12.8	12.4	12.7
16	---	---	---	11.0	10.3	10.7	10.3	9.8	10.1	12.6	12.1	12.4
17	---	---	---	10.9	10.3	10.6	10.8	10.3	10.5	12.1	11.5	11.8
18	---	---	---	10.6	10.4	10.6	11.0	10.6	11.0	11.6	11.4	11.6
19	10.2	9.0	9.9	10.6	10.1	10.3	11.0	10.8	10.9	11.6	11.0	11.3
20	9.9	8.7	9.4	10.2	9.8	10.0	11.3	10.8	11.1	11.3	11.1	11.3
21	9.3	8.8	9.1	10.3	9.8	10.2	11.5	11.3	11.5	11.8	11.4	11.7
22	9.9	9.3	9.6	10.4	10.1	10.3	11.6	11.2	11.5	12.2	11.8	12.0
23	9.9	9.2	9.6	10.4	9.9	10.3	11.2	10.6	11.0	12.2	12.1	12.2
24	9.2	8.5	9.0	10.0	9.5	9.8	10.7	10.3	10.5	12.2	11.5	11.8
25	8.8	8.4	8.7	9.7	9.4	9.6	11.9	10.8	11.4	11.5	10.9	11.2
26	9.1	8.6	8.9	9.5	9.3	9.4	12.4	11.9	12.2	10.9	10.6	10.8
27	9.9	8.8	9.6	10.0	9.4	9.7	12.5	12.0	12.3	10.6	10.3	10.5
28	10.4	10.0	10.3	10.0	9.6	9.8	12.1	11.2	11.7	10.4	10.3	10.4
29	10.4	9.7	10.3	11.1	9.7	10.4	11.1	10.1	10.8	10.7	10.4	10.5
29	10.4	9.7	10.3	11.1	9.7	10.4	11.1	10.1	10.8	10.7	10.4	10.5
30	9.8	9.4	9.6	11.4	11.1	11.3	10.1	9.7	9.8	10.8	10.6	10.7
31	9.9	9.5	9.8	---	---	---	10.9	10.1	10.5	11.1	10.7	10.9
MONTH	10.4	6.8	9.1	11.4	5.7	9.4	12.5	8.7	10.6	12.8	10.2	11.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.4	11.1	11.3	10.4	10.1	10.4	9.5	9.0	9.3	8.0	7.5	7.7
2	11.5	11.4	11.5	10.4	10.2	10.4	9.0	8.7	9.0	8.3	7.9	8.1
3	11.6	11.2	11.4	10.2	10.0	10.1	8.7	8.3	8.4	8.4	8.2	8.3
4	11.1	10.5	10.9	10.0	9.8	9.9	8.2	8.0	8.2	8.4	8.3	8.4
5	10.6	10.4	10.5	9.8	9.4	9.7	9.0	7.9	8.4	8.6	8.1	8.4
6	12.4	10.6	11.5	9.4	8.9	9.2	9.1	8.9	9.1	8.0	7.3	7.6
7	13.1	12.4	12.8	9.7	8.8	9.3	9.2	9.0	9.2	9.1	7.2	8.1
8	13.3	13.1	13.3	10.2	9.7	10.0	9.0	8.8	9.0	8.7	8.3	8.6
9	13.4	13.1	13.3	10.4	10.0	10.2	9.2	8.8	9.0	8.6	8.3	8.5
10	13.1	12.6	13.0	10.7	10.4	10.6	9.6	9.2	9.4	8.6	8.3	8.5
11	12.6	12.0	12.3	10.8	10.7	10.8	9.4	9.1	9.4	8.6	8.3	8.5
12	12.0	11.6	11.8	10.7	10.4	10.6	9.0	8.5	8.8	8.3	7.9	8.2
13	11.6	10.2	11.2	10.4	10.1	10.2	8.6	8.4	8.5	7.9	7.5	7.7
14	10.0	9.0	9.5	10.3	9.9	10.2	8.4	8.2	8.3	7.5	7.3	7.4
15	9.0	8.6	8.8	9.9	9.4	9.6	8.2	8.0	8.1	7.4	7.1	7.4
16	8.7	8.5	8.6	9.4	8.5	9.2	8.4	8.0	8.3	7.7	7.5	7.6
17	9.2	8.3	8.8	9.0	8.8	6.9	8.8	8.4	8.7	7.8	7.5	7.8
18	9.4	9.0	9.2	9.0	8.8	9.0	9.3	8.8	9.1	7.8	7.7	7.8
19	9.4	9.2	9.4	9.1	8.7	8.9	9.6	9.2	9.5	7.9	7.6	7.8
20	9.3	9.1	9.3	8.7	8.6	8.7	9.8	9.6	9.8	7.7	7.3	7.5
21	9.4	9.1	9.3	9.0	8.5	8.8	10.0	9.8	9.8	7.4	7.1	7.3
22	9.7	9.4	9.6	9.4	9.1	9.4	9.8	9.4	9.6	7.4	7.0	7.2
23	9.6	9.4	9.6	9.6	9.3	9.5	9.5	9.1	9.4	7.3	7.2	7.3
24	9.7	9.2	9.6	9.6	9.3	9.5	9.1	8.5	9.0	7.4	7.2	7.3
25	9.2	9.0	9.0	9.4	8.9	9.1	8.6	7.9	8.3	7.4	7.2	7.4
26	9.4	9.0	9.3	9.1	8.9	9.0	7.9	7.2	7.7	7.9	7.3	7.6
27	9.7	9.2	9.5	9.5	9.0	9.3	7.3	6.9	7.1	7.9	7.5	7.8
29	10.2	10.0	10.2	9.4	8.8	9.0	6.5	5.9	6.2	7.3	7.1	7.3
30	---	---	---	9.5	9.3	9.4	6.2	5.6	5.9	7.8	7.2	7.5
31	---	---	---	9.7	9.2	9.5	---	---	---	7.8	7.5	7.7
MONTH	.13.4	8.3	10.5	10.8	8.5	9.6	10.0	5.6	8.6	9.1	7.0	7.8

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.9	7.8	7.9				---	---	---	8.7	7.5	8.3
2	7.9	7.7	7.9				---	---	---	8.5	7.2	7.9
3	7.8	7.6	7.8				---	---	---	8.2	7.1	7.6
4	7.7	7.4	7.6				---	---	---	8.2	6.9	7.5
5	7.4	7.2	7.3				---	---	---	8.1	7.1	7.6
6	7.3	7.1	7.3				7.2	7.0	7.2	8.4	7.5	8.0
7	7.1	6.8	7.0				7.2	7.0	7.2	8.1	7.8	8.0
8	7.0	6.8	6.9				7.4	6.8	7.2	9.1	8.0	8.8
9	7.0	6.8	7.0				7.4	6.9	7.3	8.9	7.3	8.3
10	7.0	6.8	6.9				7.7	6.9	7.3	8.4	6.8	7.6
11	7.0	6.8	6.9				7.9	6.3	7.2	7.7	6.7	7.3
12	7.0	6.8	7.0				7.5	6.3	6.9	7.9	6.3	7.0
13	7.1	7.0	7.1				7.9	6.0	7.0	7.2	6.5	6.9
14	7.1	6.8	7.0				7.2	6.4	6.8	6.8	5.5	6.2
15	7.1	6.8	7.0				7.6	6.4	6.9	6.9	6.0	6.7
16	6.9	6.7	6.9				7.5	6.8	7.3	7.5	6.8	7.1
17	6.8	6.6	6.7				---	---	---	7.9	7.4	7.7
18	7.0	6.6	6.8				---	---	---	8.0	7.7	7.9
19	6.6	6.2	6.4				---	---	---	7.9	7.4	7.7
20	6.6	6.2	6.4				---	---	---	7.8	7.4	7.7
21	6.7	6.3	6.5				---	---	---	7.8	7.3	7.6
22	8.1	6.4	7.5				---	---	---	7.7	7.2	7.5
23	8.2	8.0	8.2				---	---	---	7.6	7.2	7.5
24	8.1	7.6	7.9				---	---	---	7.6	7.2	7.5
25	7.9	6.8	7.4				---	---	---	7.5	7.1	7.4
26	7.2	6.1	6.7				---	---	---	7.5	7.0	7.3
27	6.3	4.9	5.5				---	---	---	7.8	7.0	7.4
28	6.1	5.2	5.6				---	---	---	8.0	7.7	7.9
29	6.4	5.3	5.8				---	---	---	8.0	7.7	7.9
30	6.0	5.6	5.9				---	---	---	7.8	7.5	7.7
31	---	---	---				8.1	7.2	7.3	---	---	---
MONTH	8.2	4.9	7.0				8.1	6.0	7.1	9.1	5.5	7.6
YEAR	13.4	4.9	9.1									

02160775 HELLERS CREEK NEAR POMARIA, SC

LOCATION.--Lat 34°21'38", long 81°29'32", Newberry County, Hydrologic Unit 03050106, at Road 55 bridge 7.8 mi northwest of Pomaria and 9.2 mi northeast of Newberry.

DRAINAGE AREA.--816 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 375 ft (from topographic map).

REMARKS.--Records fair, except those for periods of no gage-height or doubtful record, Oct. 24-31, Nov. 6 to Dec. 12, and Sept. 14-30, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 756 ft³/s Mar. 17, 1983, gage height, 9.02 ft; minimum daily, 0.85 ft³/s Aug. 17, 1983

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 654 ft³/s Jan. 11, gage height, 7.86 ft; minimum daily, 1.00 ft³/s Sept. 27, 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.0	1.6	2.7	8.8	5.4	12	9.6	7.9	7.8	2.0	4.0	2.0
2	2.9	1.6	4.0	8.4	5.1	10	8.1	9.8	6.7	2.0	5.7	1.9
3	2.8	1.6	20	8.0	5.2	8.5	9.3	30	5.7	2.0	4.4	1.9
4	2.8	1.7	110	7.4	7.5	7.5	12	45	5.1	1.9	3.3	2.3
5	2.8	1.8	20	7.1	6.3	10	13	16	4.5	2.0	2.9	2.0
6	2.8	1.8	150	6.5	5.3	23	9.3	16	4.3	1.9	2.7	1.9
7	2.6	1.7	50	6.0	4.7	19	7.9	38	4.2	1.8	2.6	1.8
8	2.6	1.6	15	5.4	4.3	14	7.3	16	3.9	1.8	2.5	1.7
9	3.2	1.6	8.0	5.0	4.2	11	7.6	12	3.4	1.8	2.3	1.7
10	2.8	1.7	6.5	148	4.0	9.2	19	9.7	3.3	1.8	5.0	1.8
11	3.0	1.8	10	177	3.6	8.4	13	8.4	3.0	1.8	4.1	1.7
12	3.1	1.9	50	20	3.5	7.7	11	7.6	2.8	1.7	3.0	1.6
13	3.2	2.0	16	13	19	21	9.4	6.6	2.8	1.8	7.0	1.6
14	3.1	2.1	12	11	51	14	8.7	5.8	2.7	2.6	3.7	1.5
15	2.9	6.0	10	9.3	17	11	8.3	4.9	2.7	1.9	3.2	1.4
16	2.8	4.5	9.2	8.1	12	9.3	7.6	4.7	2.6	1.7	4.6	1.4
17	2.7	3.1	8.5	7.0	9.5	8.4	7.2	4.1	2.4	2.1	4.6	1.2
18	2.7	2.5	8.1	29	7.9	7.8	6.9	3.9	2.5	2.5	3.2	1.3
19	2.7	2.0	7.8	79	6.9	7.4	7.1	3.6	2.2	2.4	2.9	1.3
20	2.6	2.2	7.4	19	6.1	7.2	15	3.4	2.1	2.6	2.7	1.3
21	2.6	2.7	7.3	14	5.4	9.7	17	3.3	2.0	2.4	2.5	1.3
22	2.7	2.3	12	11	5.2	7.5	14	5.7	2.2	2.2	2.4	1.2
23	5.6	2.0	12	9.7	25	6.4	19	6.8	2.2	2.1	2.3	1.2
24	2.0	7.0	9.5	9.9	14	5.9	13	5.1	2.1	2.0	2.3	1.2
25	2.0	15	8.4	10	10	7.1	11	4.4	2.0	1.9	2.3	1.2
26	1.9	8.0	8.0	9.0	8.3	6.4	9.0	7.8	2.0	1.9	2.3	1.1
27	1.8	4.5	7.7	8.8	110	5.7	8.6	7.7	1.9	2.0	2.4	1.0
28	1.8	4.2	15	7.9	37	74	9.3	68	1.9	4.7	2.3	1.0
29	1.6	3.7	16	7.0	17	47	8.1	28	2.0	7.1	2.2	1.1
30	1.5	3.0	12	6.4	---	17	7.5	14	2.1	4.6	2.2	1.5
31	1.5	---	9.7	5.9	---	12	---	9.5	---	3.7	2.1	---
TOTAL	82.1	97.2	642.8	682.6	420.4	425.1	313.8	413.7	95.1	74.7	99.7	45.1
MEAN	2.65	3.24	20.7	22.0	14.5	13.7	10.5	13.3	3.17	2.41	3.22	1.50
MAX	5.6	15	150	177	110	74	19	68	7.8	7.1	7.0	2.3
MIN	1.5	1.6	2.7	5.0	3.5	5.7	6.9	3.3	1.9	1.7	2.1	1.0

CAL YR 1983 TOTAL 3604.06 MEAN 9.87 MAX 259 MIN .85
WTR YR 1984 TOTAL 3392.3 MEAN 9.27 MAX 177 MIN 1.0

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°18'17", long 81°19'14", Fairfield County, Hydrologic Unit 03050106, on left bank at Fairfield Pump Stora Intake, 7.0 mi northwest of Jenkinsville.

PERIOD OF RECORD.--March 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1978 to current year.
pH: March 1978 to current year.
WATER TEMPERATURE: March 1978 to current year.
DISSOLVED OXYGEN: March 1978 to current year.

INSTRUMENTATION.--Water-quality monitor since March 1978.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 116 microsiemens Oct. 19, 1981 and Oct. 15, 1983; minimum, 32 microsiemens Jan. 6, 1982
pH: Maximum, 9.1 units June 20, 1978; minimum, 6.2 units July 27, 1982, Aug. 21-24 and Dec. 7, 1983.
WATER TEMPERATURE: Maximum, 35.0°C Aug. 17, 1984; minimum, 1.0°C Jan. 15, 1982.
DISSOLVED OXYGEN: Maximum, 15.0 mg/L Dec. 27, 1980; minimum, 1.1 mg/L Aug. 3, 1980.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 116 microsiemens Oct. 15; minimum, 40 microsiemens Dec. 7.
pH: Maximum, 9.0 units May 25; minimum, 6.2 units Dec. 7.
WATER TEMPERATURE: Maximum, 35.0°C Aug. 17; minimum, 2.0°C Feb. 5.
DISSOLVED OXYGEN: Maximum, 12.6 mg/L Jan. 3; minimum, 3.5 mg/L Aug. 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	86	80	81	91	81	86	86	71	84	80	80	80
2	96	80	83	100	85	87	86	80	85	81	80	80
3	81	71	78	86	81	84	86	75	83	86	80	81
4	81	71	77	86	80	84	86	75	84	81	80	81
5	91	80	81	91	81	87	---	---	---	81	75	80
6	96	80	83	101	81	93	---	---	---	81	71	80
7	81	80	81	101	85	89	86	40	76	81	76	80
8	86	80	81	96	81	86	81	80	81	81	81	81
9	105	80	86	96	85	88	86	80	83	81	75	79
10	111	80	85	86	85	85	86	80	82	81	70	79
11	86	80	81	95	80	86	---	---	---	81	55	76
12	96	80	83	101	85	87	---	---	---	81	80	81
13	101	80	83	90	85	85	86	53	85	81	81	81
14	110	80	86	105	85	89	86	51	79	81	81	81
15	116	80	92	96	80	88	81	75	81	81	60	75
16	110	80	89	101	85	89	81	55	77	81	71	79
17	91	80	83	95	85	87	81	75	80	81	75	80
18	86	80	82	96	80	86	81	60	76	81	76	80
19	86	80	81	91	80	86	81	71	79	81	70	78
20	91	80	82	96	85	88	81	71	80	81	55	79
21	86	81	82	91	85	86	81	80	81	81	75	79
22	86	80	84	86	85	86	81	80	80	80	60	74
23	90	80	85	91	85	87	80	70	78	80	66	76
24	86	80	83	101	85	89	81	70	79	76	76	76
25	90	80	85	91	85	87	81	60	74	76	71	76
26	90	80	85	86	85	86	81	65	76	76	71	76
27	96	85	86	86	70	83	81	65	78	76	70	75
28	86	81	83	86	65	83	80	80	80	76	70	73
29	86	81	85	90	65	83	80	65	77	76	70	75
30	86	81	85	86	85	86	80	80	80	76	75	76
31	95	85	87	---	---	---	80	80	80	76	70	75
MONTH	116	71	84	105	65	87	86	40	80	86	55	79

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	76	70	75	75	75	75	61	52	60	63	61	62
2	76	70	75	76	75	75	61	53	59	63	61	62
3	81	71	77	76	75	75	62	50	58	63	62	63
4	81	80	80	75	65	72	65	52	60	63	56	62
5	81	80	81	76	65	72	72	64	68	63	54	60
6	81	80	80	76	75	76	70	66	68	63	51	60
7	81	80	80	76	76	76	68	66	68	63	48	61
8	81	80	80	76	75	76	67	65	66	62	43	54
9	81	80	81	76	55	70	65	53	61	61	44	56
10	81	80	81	76	69	74	65	57	62	63	49	59
11	81	80	80	73	59	69	66	50	63	62	48	58
12	81	80	81	73	53	71	68	43	64	62	53	59
13	85	80	81	73	62	71	68	49	63	63	56	61
14	81	80	81	73	70	72	70	55	64	64	60	62
15	81	75	80	72	69	71	70	59	66	64	61	63
16	81	80	80	70	59	66	71	63	69	64	61	63
17	81	60	75	71	64	69	71	65	69	64	61	63
18	81	70	78	69	65	68	70	68	69	63	62	63
19	81	61	73	68	63	66	69	64	68	66	62	63
20	81	65	75	67	65	66	69	66	68	67	62	63
21	81	65	73	65	61	64	68	67	68	65	62	63
22	81	81	81	65	60	64	69	67	68	68	62	64
23	81	66	78	65	63	64	67	65	67	67	62	64
24	76	60	72	65	63	64	66	64	66	64	62	63
25	76	66	75	64	59	62	66	55	65	66	63	64
26	76	70	74	63	58	61	64	54	61	64	62	63
27	76	61	74	63	60	61	63	58	61	65	62	63
28	81	50	70	61	57	60	63	60	62	70	62	65
29	80	70	75	61	59	60	63	62	62	63	62	62
30	—	—	—	61	52	58	63	61	62	62	50	59
31	—	—	—	61	60	60	—	—	—	60	45	57
MONTH	85	50	78	76	52	68	72	43	65	70	43	61

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	60	53	58	72	65	67	65	55	63	—	—	—
2	58	54	56	70	66	67	63	55	61	—	—	—
3	58	55	57	67	65	66	62	59	61	—	—	—
4	66	57	60	67	65	66	62	57	60	—	—	—
5	65	62	63	66	64	66	62	58	60	—	—	—
6	66	62	63	66	65	66	61	58	60	—	—	—
7	64	61	63	67	65	65	61	59	60	—	—	—
8	66	61	63	66	64	65	62	59	60	—	—	—
9	67	61	63	66	65	65	62	59	60	—	—	—
10	68	61	63	66	64	65	—	—	—	—	—	—
11	73	62	65	66	64	65	—	—	—	—	—	—
12	71	62	65	66	64	65	—	—	—	—	—	—
13	68	62	65	67	64	65	—	—	—	—	—	—
14	66	62	64	69	64	66	—	—	—	—	—	—
15	66	63	64	71	64	65	—	—	—	—	—	—
16	71	62	65	68	65	66	62	56	60	—	—	—
17	69	63	65	65	64	65	61	58	60	—	—	—
18	74	63	66	66	64	65	62	58	61	76	72	73
19	71	64	66	69	64	65	63	60	62	74	72	73
20	72	64	67	65	59	65	66	59	62	75	71	72
21	71	63	66	66	59	64	66	61	62	76	70	72
22	69	64	66	75	63	65	68	60	63	80	70	72
23	72	65	67	66	53	65	64	60	61	86	69	73
24	75	64	67	67	62	66	68	61	63	86	69	76
25	76	65	68	67	62	66	66	61	62	87	73	77
26	72	65	67	67	62	66	67	61	63	86	74	77
27	67	66	67	71	58	65	72	61	65	77	71	74
28	67	65	66	71	57	65	—	—	—	89	68	74
29	68	65	66	77	58	65	—	—	—	75	71	73
30	68	65	66	71	61	66	—	—	—	84	73	75
31	—	—	—	66	62	65	—	—	—	—	—	—
MONTH	76	53	64	77	53	65	72	55	61	89	68	74
YEAR	116	40	72									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.9	6.8	7.1	6.8	7.0	6.9	6.9	6.9	6.9	6.8	6.9	6.8
2	7.0	6.8	7.2	6.9	7.1	7.0	6.9	6.7	6.9	6.8	6.9	6.9
3	6.9	6.8	7.1	6.8	7.1	6.9	6.9	6.8	6.9	6.8	6.9	6.8
4	6.9	6.8	7.0	6.8	7.1	7.0	6.9	6.8	6.9	6.8	7.0	6.7
5	6.9	6.8	7.2	6.9	—	—	6.9	6.8	6.9	6.8	6.9	6.7
6	7.4	6.8	7.1	6.8	—	—	6.9	6.8	6.9	6.8	7.0	6.9
7	7.4	6.9	7.0	6.9	7.0	6.2	7.0	6.8	7.0	6.8	7.0	6.8
8	7.7	7.1	7.1	6.8	7.0	6.9	6.9	6.8	6.9	6.8	7.0	6.7
9	7.7	7.1	7.1	7.0	7.0	6.7	6.9	6.8	6.9	6.8	7.0	6.5
10	8.5	7.3	7.0	6.9	6.8	6.8	7.0	6.8	6.9	6.8	6.9	6.7
11	7.6	7.5	6.9	6.8	—	—	7.0	6.5	6.9	6.8	6.9	6.6
12	7.6	7.4	7.2	6.9	—	—	7.0	7.0	6.9	6.8	7.0	6.7
13	7.5	7.3	7.1	7.0	6.8	6.7	7.0	7.0	6.9	6.8	7.0	6.8
14	7.5	7.2	7.1	7.0	6.8	6.4	7.0	6.8	7.0	6.8	7.0	6.8
15	7.4	7.2	7.1	7.0	6.7	6.7	7.0	6.6	7.2	6.8	7.1	6.8
16	7.3	7.1	7.1	7.0	6.7	6.5	7.0	6.8	7.2	6.9	6.8	6.7
17	7.5	7.0	7.0	7.0	6.8	6.7	7.0	6.8	6.9	6.5	7.2	6.7
18	7.2	6.9	7.0	7.0	6.8	6.6	7.0	6.8	7.2	6.7	7.4	6.7
19	7.1	6.9	7.1	7.0	6.8	6.6	7.0	6.8	7.2	6.4	7.3	6.7
20	7.3	6.8	7.0	7.0	6.8	6.7	7.0	6.6	7.5	6.6	7.1	6.7
21	7.0	6.8	7.0	6.9	6.8	6.8	7.0	6.9	7.5	6.6	6.8	6.7
22	6.9	6.8	7.1	7.0	6.8	6.8	7.0	6.6	7.2	7.0	6.8	6.7
23	6.9	6.8	7.0	6.9	6.9	6.8	6.9	6.8	7.2	6.7	7.0	6.8
24	6.9	6.8	7.1	6.9	6.8	6.8	6.9	6.9	7.0	6.6	7.3	6.9
25	6.9	6.8	7.0	6.9	6.8	6.8	6.9	6.8	7.0	6.6	7.0	6.8
26	6.9	6.9	7.1	7.0	6.8	6.8	7.0	6.8	7.1	6.8	7.3	6.8
27	7.1	6.9	7.1	6.7	6.8	6.8	7.0	6.8	7.1	6.6	7.3	6.8
28	6.9	6.8	7.1	6.7	6.8	6.8	7.0	6.8	7.0	6.5	6.9	6.8
29	7.0	6.8	7.0	6.8	6.9	6.8	6.8	6.8	6.9	6.6	6.9	6.6
30	7.0	6.9	7.0	7.0	6.9	6.9	6.8	6.8	—	—	7.0	6.4
31	7.1	6.9	—	—	6.9	6.9	6.9	6.8	—	—	7.0	6.9
MONTH	8.5	6.8	7.2	6.7	7.1	6.2	7.0	6.5	7.5	6.4	7.4	6.4

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.0	6.5	7.1	6.7	7.4	6.7	8.2	6.6	7.0	6.5	---	---
2	7.0	6.5	8.1	6.8	7.9	6.7	7.5	6.6	6.9	6.5	---	---
3	6.9	6.6	6.9	6.8	7.9	6.7	8.1	6.6	7.1	6.6	---	---
4	6.8	6.6	7.0	6.8	8.2	6.7	6.8	6.5	7.1	6.6	---	---
5	6.8	6.6	7.1	6.7	8.0	6.6	6.8	6.5	7.5	6.5	---	---
6	6.8	6.7	7.2	6.7	7.8	6.6	7.5	6.5	8.2	6.5	---	---
7	7.0	6.8	7.6	6.5	8.3	6.5	8.1	6.5	8.2	6.5	---	---
8	7.4	6.9	6.8	6.5	8.4	6.6	7.7	6.6	7.9	6.5	---	---
9	7.1	6.6	7.0	6.6	8.2	6.6	7.9	6.5	7.6	6.5	---	---
10	7.0	6.8	7.3	6.6	7.8	6.7	8.3	6.5	---	---	---	---
11	6.9	6.7	7.0	6.6	7.5	6.6	7.2	6.5	---	---	---	---
12	7.0	6.5	7.2	6.7	8.3	6.5	7.6	6.5	---	---	---	---
13	6.9	6.6	7.8	6.7	8.4	6.7	7.1	6.5	---	---	---	---
14	7.0	6.6	8.0	6.7	8.6	6.5	7.2	6.5	---	---	---	---
15	6.8	6.7	7.8	6.8	8.7	6.6	7.8	6.5	---	---	---	---
16	6.8	6.7	7.7	6.7	8.5	6.5	6.8	6.5	7.1	6.5	---	---
17	6.8	6.7	7.7	6.7	8.2	6.6	7.2	6.5	7.3	6.5	---	---
18	6.8	6.7	7.5	6.8	8.5	6.6	6.8	6.4	7.5	6.5	6.7	6.6
19	7.0	6.7	7.3	6.7	7.9	6.6	7.2	6.5	6.9	6.5	6.9	6.6
20	7.0	6.7	7.6	6.7	8.4	6.6	7.5	6.8	7.2	6.5	6.7	6.6
21	7.0	6.7	7.8	6.7	7.8	6.6	8.0	6.4	7.4	6.5	6.7	6.6
22	7.0	6.8	8.0	6.7	7.2	6.6	7.9	6.6	8.0	6.5	6.8	6.6
23	6.9	6.8	8.1	6.7	7.4	6.6	7.6	6.6	7.7	6.5	7.4	6.6
24	6.8	6.7	8.4	6.7	8.0	6.6	6.7	6.4	7.5	6.7	7.5	6.5
25	6.8	6.7	9.0	6.7	8.3	6.7	7.3	6.4	7.4	6.5	7.3	6.7
26	6.8	6.6	8.9	6.7	8.4	6.7	6.7	6.4	7.0	6.5	7.9	6.6
27	6.8	6.7	8.8	6.7	6.8	6.5	6.8	6.4	6.8	6.4	7.2	6.7
28	6.9	6.6	7.8	6.6	7.1	6.5	7.2	6.5	---	---	7.0	6.7
29	7.5	6.6	8.7	6.7	7.5	6.6	7.2	6.5	---	---	6.9	6.7
30	6.7	6.7	8.2	6.6	7.0	6.5	7.3	6.7	---	---	6.8	6.7
31	---	---	7.6	6.5	---	---	7.3	6.7	---	---	---	---
MONTH	7.5	6.5	9.0	6.5	8.7	6.5	8.3	6.4	8.2	6.4	7.9	6.5
YEAR	9.0	6.2										

AVAILABLE

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	22.5	24.0	21.0	19.0	20.5	15.0	11.0	14.5	10.5	9.0	10.0
2	24.5	19.5	23.0	22.5	17.0	20.5	15.0	13.0	15.0	10.0	9.0	9.5
3	24.5	23.5	24.0	21.0	20.0	20.5	15.0	11.5	14.0	10.0	2.0	8.0
4	25.0	24.0	24.5	21.0	20.0	20.5	15.0	10.0	14.5	9.5	9.0	9.0
5	25.0	23.5	24.5	21.0	19.0	20.5	—	—	—	11.0	2.0	9.0
6	25.5	22.5	24.5	20.5	16.5	18.5	—	—	—	10.0	9.0	10.0
7	25.0	24.0	24.5	20.0	15.5	19.0	14.5	11.5	14.0	11.0	8.0	9.5
8	25.5	23.5	24.5	21.0	17.0	20.0	14.0	14.0	14.0	10.5	9.5	10.0
9	25.0	21.5	23.5	21.0	16.5	19.5	14.0	13.0	14.0	11.0	8.0	8.5
10	24.5	21.0	23.5	20.0	19.0	20.0	14.5	13.0	13.5	11.0	8.0	9.0
11	24.0	23.5	24.0	19.0	17.0	18.5	—	—	—	10.5	2.0	9.0
12	24.0	22.0	23.5	19.5	15.5	18.0	—	—	—	10.0	9.0	9.5
13	23.0	21.5	23.0	18.5	17.0	18.5	13.5	13.0	13.5	10.5	9.5	10.0
14	23.0	20.5	22.5	18.0	13.0	17.0	13.5	10.5	13.0	10.0	9.0	9.5
15	24.0	19.0	22.0	18.0	14.5	17.0	13.5	12.5	13.5	11.0	4.5	9.0
16	23.5	18.5	21.5	17.0	11.5	16.0	13.5	9.5	12.5	10.5	8.0	8.5
17	24.0	18.5	23.0	17.0	13.0	16.0	14.0	11.5	13.0	9.5	8.0	9.0
18	24.5	20.0	22.5	16.5	11.0	15.5	13.0	8.0	11.5	9.5	8.5	9.0
19	23.5	20.5	23.0	16.5	14.0	16.0	12.5	11.0	12.5	9.5	7.0	9.0
20	24.0	20.5	23.0	16.5	10.0	14.5	12.5	8.5	11.5	11.0	6.0	9.5
21	23.0	19.5	22.0	16.5	11.0	15.0	12.0	11.5	12.0	9.5	9.0	9.5
22	22.5	21.0	22.0	16.5	16.0	16.0	12.0	11.5	11.5	10.0	3.0	6.5
23	22.0	19.0	21.0	16.5	13.0	15.5	12.0	5.5	10.5	9.0	2.0	7.5
24	22.0	21.0	22.0	16.5	11.5	15.5	11.5	6.0	10.5	9.5	9.0	9.0
25	22.0	20.5	21.5	16.0	13.5	15.5	11.0	3.5	8.0	9.0	2.0	8.0
26	21.5	21.0	21.5	15.5	12.0	15.5	10.5	2.5	8.5	10.5	8.5	9.0
27	22.0	21.0	21.0	17.0	10.5	15.0	10.5	2.0	9.0	10.0	8.5	9.5
28	21.0	20.0	21.0	16.5	11.5	15.5	10.0	10.0	10.0	10.0	3.0	6.5
29	21.5	18.0	20.5	15.5	11.5	15.0	10.0	2.5	8.5	8.5	3.5	8.0
30	21.0	18.5	20.0	15.5	15.0	15.0	10.0	9.5	9.5	8.0	3.0	7.5
31	20.5	15.5	19.5	—	—	—	10.0	9.5	9.5	8.5	3.0	7.0
MONTH	25.5	15.5	22.5	22.5	10.0	17.5	15.0	2.0	12.0	11.0	2.0	9.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.0	3.0	8.0	10.0	9.5	9.5	15.0	13.0	13.5	19.5	16.0	17.5
2	9.0	3.5	8.0	9.5	9.5	9.5	14.0	13.0	13.5	19.0	15.0	17.5
3	9.0	2.5	7.5	11.0	9.0	9.5	14.0	13.0	13.5	19.0	15.0	16.5
4	10.5	7.0	9.0	12.0	8.0	10.5	14.0	12.5	13.5	17.5	15.5	16.5
5	9.0	2.0	8.0	10.5	9.0	9.5	13.5	13.0	13.5	20.0	16.5	18.0
6	8.5	8.0	8.0	12.5	10.5	11.5	14.0	13.0	13.5	19.0	17.0	18.0
7	9.0	8.0	8.5	12.5	11.5	12.0	15.0	13.5	14.0	19.5	17.0	18.5
8	9.0	6.0	8.0	11.5	9.5	10.5	15.5	14.5	15.0	18.5	16.5	17.5
9	8.5	2.0	7.5	12.5	10.0	11.0	14.5	13.5	14.0	19.0	18.0	18.5
10	9.0	2.0	7.5	12.0	10.5	11.0	14.5	13.5	14.0	22.0	17.0	18.5
11	8.5	8.0	8.5	11.5	8.5	10.5	14.0	12.0	13.5	19.0	16.5	18.5
12	10.0	7.5	9.0	12.5	9.5	11.5	14.0	11.5	13.0	20.5	17.5	18.5
13	10.0	8.5	9.0	12.0	9.5	11.5	14.5	13.0	13.5	23.5	18.5	20.5
14	12.0	9.0	10.0	13.0	11.5	12.0	15.0	13.0	14.0	24.0	18.5	21.0
15	11.5	10.0	10.5	13.0	11.0	12.0	16.5	13.5	14.5	23.0	20.0	22.0
16	12.0	10.5	11.0	12.0	10.5	11.5	17.0	12.5	14.0	22.5	19.0	21.0
17	10.5	9.0	10.0	14.5	11.5	13.5	16.5	12.5	13.5	23.0	19.0	21.5
18	12.0	9.5	11.0	15.0	11.5	14.0	14.0	13.0	13.5	21.5	19.0	20.5
19	12.0	9.5	11.0	15.0	11.0	13.0	14.5	13.5	14.0	21.0	18.5	20.0
20	12.5	9.5	11.0	15.0	10.5	12.5	14.5	13.5	14.5	21.5	19.5	20.5
21	14.5	10.5	12.5	15.0	10.0	11.5	15.0	13.0	14.0	22.0	10.5	20.0
22	13.0	11.5	12.5	13.5	11.0	12.0	15.5	14.0	15.0	23.5	20.0	21.5
23	13.0	11.0	12.5	15.0	11.5	13.0	15.0	14.5	14.5	24.0	20.0	22.0
24	12.5	9.5	11.0	16.5	14.0	14.5	14.5	13.5	14.0	25.5	21.0	24.5
25	11.5	9.5	10.5	14.5	12.5	13.5	15.0	13.5	14.5	27.5	21.0	24.5
26	12.5	10.5	12.0	14.5	13.0	14.0	16.0	14.5	15.0	25.0	20.5	23.0
27	12.0	10.0	11.5	14.5	13.0	14.0	16.5	15.0	16.0	26.0	21.5	23.5
28	12.0	8.0	9.0	15.0	12.5	13.5	18.0	15.5	16.5	24.5	21.5	23.0
29	10.0	8.5	9.5	14.0	11.5	12.5	19.5	16.0	17.5	25.5	21.0	24.0
30	—	—	—	14.0	13.0	13.5	18.0	15.5	16.5	24.5	21.5	23.5
31	—	—	—	14.5	13.5	14.0	—	—	—	24.0	20.5	23.0
MONTH	14.5	2.0	9.5	16.5	8.0	12.0	19.5	11.5	14.5	27.5	10.5	20.5

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC—Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	20.5	22.5	29.5	24.5	26.5	27.0	24.0	26.5	—	—	—
2	25.0	20.5	22.5	27.5	24.5	26.0	27.0	24.0	26.0	—	—	—
3	26.0	21.5	23.0	27.5	24.5	25.5	27.5	24.5	26.5	—	—	—
4	25.5	22.0	24.0	26.5	25.0	25.5	28.0	25.5	27.0	—	—	—
5	26.0	21.5	23.5	26.5	25.0	26.0	29.0	26.5	27.5	—	—	—
6	24.5	21.5	23.5	28.0	25.5	26.5	29.0	26.5	27.5	—	—	—
7	27.5	21.5	24.0	28.5	25.0	26.5	31.0	27.0	28.0	—	—	—
8	27.0	22.5	24.5	30.0	26.5	28.0	30.5	27.5	28.5	—	—	—
9	27.5	22.0	24.5	30.0	26.0	27.5	30.5	27.5	28.5	—	—	—
10	30.0	23.0	25.5	28.5	25.5	27.0	—	—	—	—	—	—
11	27.5	23.5	25.0	28.0	26.0	27.0	—	—	—	—	—	—
12	28.5	23.5	25.5	29.5	26.0	27.5	—	—	—	—	—	—
13	29.0	23.5	25.5	28.5	25.0	27.5	—	—	—	—	—	—
14	28.5	23.5	25.5	28.5	26.5	27.5	—	—	—	—	—	—
15	31.0	24.0	26.0	28.0	26.5	27.5	—	—	—	—	—	—
16	30.0	23.5	26.0	28.0	26.0	27.0	32.0	28.0	30.0	—	—	—
17	29.0	24.0	26.5	28.0	26.5	27.0	35.0	28.5	31.0	—	—	—
18	30.0	24.5	26.0	27.5	26.0	26.5	32.5	29.0	31.0	25.0	24.0	24.5
19	31.0	24.5	26.5	28.0	26.0	27.5	33.5	29.5	31.0	25.5	24.5	24.5
20	31.5	25.5	28.0	28.5	27.0	27.5	33.0	29.0	31.5	25.0	24.0	24.5
21	29.0	25.5	27.5	29.0	25.0	27.5	31.5	27.5	30.0	24.5	23.5	24.5
22	28.5	25.0	27.0	28.5	25.5	27.5	30.0	27.5	29.0	25.5	23.0	24.5
23	29.0	25.5	27.0	28.5	26.0	27.0	30.0	28.0	29.0	26.0	23.0	25.0
24	28.0	25.5	27.0	27.5	26.0	26.5	31.0	27.5	29.5	26.0	23.0	25.0
25	30.0	25.0	27.5	28.5	26.0	27.0	32.0	27.5	30.0	26.0	24.0	25.0
26	30.5	25.0	27.0	27.5	26.5	27.0	29.5	28.0	29.0	29.0	24.0	25.5
27	26.0	24.5	25.5	27.5	26.5	26.5	29.0	27.0	28.0	26.5	24.0	25.5
28	27.0	25.0	26.0	27.5	26.5	27.0	—	—	—	24.0	22.5	24.0
29	27.0	25.0	26.0	27.5	26.0	27.0	—	—	—	24.0	23.5	23.5
30	26.5	25.0	25.5	27.0	25.0	26.5	—	—	—	23.5	21.5	23.0
31	—	—	—	27.5	26.5	27.0	—	—	—	—	—	—
MONTH	31.5	20.5	25.5	30.0	24.5	27.0	35.0	24.0	29.0	28.0	21.5	24.5
YEAR	35.0	2.0	18.0									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY	
7.4	6.5	6.8	8.1	7.7	7.9	10.5	8.5	9.0	9.8	9.5	9.7
8.4	6.7	7.1	8.6	7.9	8.1	9.3	8.5	8.7	9.9	9.6	9.6
7.3	6.9	7.1	8.3	7.8	8.0	9.4	8.4	8.7	12.6	9.9	10.5
7.2	6.3	6.6	8.2	7.8	8.0	9.9	7.8	8.4	10.1	9.8	10.0
7.1	6.3	6.6	8.2	7.9	8.0	—	—	—	11.0	9.8	10.2
7.4	6.2	6.8	8.3	7.7	8.1	—	—	—	10.7	10.1	10.3
7.4	6.6	7.1	8.0	7.4	7.7	8.7	7.5	7.9	11.3	10.3	10.4
7.5	6.8	7.2	8.2	7.5	7.9	8.3	7.7	8.0	10.4	10.3	10.4
7.6	6.8	7.3	8.9	8.3	8.5	8.5	8.2	8.4	11.8	10.3	10.7
7.4	7.1	7.2	8.4	8.2	8.3	8.9	8.3	8.5	11.8	10.3	10.6
7.2	6.9	7.0	8.5	7.9	8.1	—	—	—	11.3	9.9	10.5
7.2	6.5	6.8	8.6	7.8	8.3	—	—	—	10.4	10.1	10.3
7.1	6.4	6.7	8.7	8.4	8.5	8.9	8.6	8.7	10.4	10.4	10.4
7.3	6.4	6.9	9.1	7.9	8.4	10.3	8.3	8.7	10.4	10.2	10.4
7.5	6.5	6.8	8.4	7.7	8.0	8.7	8.2	8.4	12.0	10.3	10.7
7.4	6.6	6.9	9.0	7.7	8.1	9.7	8.3	8.5	10.8	10.3	10.4
7.9	6.9	7.4	8.5	7.7	7.9	9.0	8.2	8.4	10.4	10.2	10.2
7.7	6.9	7.3	8.9	7.6	8.0	10.0	8.3	8.8	10.3	10.1	10.2
7.7	7.3	7.5	8.7	7.7	8.0	9.0	8.3	8.4	10.9	10.0	10.2
8.0	7.4	7.7	9.6	8.1	8.5	9.8	8.3	8.6	11.0	9.9	10.1
7.8	7.3	7.5	9.5	8.2	8.5	8.6	8.3	8.5	10.2	9.8	10.0
7.9	7.5	7.6	8.8	8.1	8.4	8.6	8.6	8.6	11.2	9.7	10.3
8.3	6.3	7.0	8.8	8.1	8.3	10.8	8.6	9.0	11.1	9.6	9.9
7.3	6.8	7.0	9.5	8.0	8.4	10.7	8.5	9.1	9.8	9.6	9.7
7.5	7.1	7.3	8.6	7.9	8.1	11.2	8.8	9.7	11.5	9.8	10.0
7.4	7.1	7.3	9.0	8.0	8.3	11.2	8.8	9.5	10.1	9.9	10.0
7.7	7.1	7.4	8.9	6.3	7.0	12.0	8.4	9.6	10.2	9.9	10.1
7.5	7.2	7.4	7.6	6.2	6.5	9.3	9.1	9.2	10.5	9.9	10.1
8.0	7.2	7.5	8.6	5.9	7.2	12.2	9.1	9.8	10.4	10.1	10.3
8.2	7.6	7.9	9.3	8.5	8.7	9.5	9.2	9.4	10.5	10.3	10.4
8.3	7.3	8.1	—	—	—	9.7	9.5	9.6	10.8	10.4	10.6
8.3	6.2	7.2	9.6	5.9	8.1	12.2	7.5	8.8	12.6	9.5	10.2

MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY	
11.6	10.5	10.8	10.2	10.0	10.0	8.5	8.0	8.3	9.6	8.7	9.2
12.0	10.7	11.1	10.0	9.8	10.0	9.7	8.1	8.7	10.1	8.3	9.1
12.2	10.9	11.4	10.0	9.7	10.0	9.2	8.9	9.1	8.6	7.9	8.3
11.8	10.9	11.2	10.8	9.7	10.1	9.2	8.9	9.1	8.9	8.1	8.6
11.7	11.0	11.3	10.6	9.6	9.9	9.3	8.8	9.1	9.1	8.5	8.9
11.5	11.0	11.1	9.8	9.5	9.7	9.2	8.9	9.0	9.3	8.5	8.9
11.1	11.0	11.0	9.6	9.5	9.6	9.4	9.1	9.2	9.8	6.4	9.2
11.7	10.8	11.0	9.6	9.5	9.6	9.6	9.4	9.5	8.0	7.4	7.6
12.1	10.9	11.1	9.9	9.3	9.6	9.8	8.8	9.3	8.0	7.3	7.7
12.3	10.6	11.1	10.0	9.7	9.9	9.6	9.2	9.4	8.2	7.6	7.9
10.9	10.7	10.9	10.5	9.6	9.9	10.3	8.5	9.8	8.1	7.6	7.8
11.7	10.8	11.2	10.5	9.8	9.9	11.5	10.0	10.7	7.9	7.4	7.7
11.2	10.9	11.0	10.4	9.8	10.0	11.1	10.7	10.8	7.9	7.3	7.7
11.5	10.8	11.1	10.2	9.9	10.0	11.3	10.6	10.9	8.2	7.5	7.8
11.6	11.2	11.3	10.2	9.8	10.0	10.5	9.5	10.1	8.3	7.6	8.0
11.5	11.0	11.2	9.9	9.6	9.8	10.5	8.8	9.3	8.5	7.6	8.1
11.0	10.7	10.8	9.9	9.4	9.8	9.1	8.3	8.8	8.7	7.7	8.2
11.2	10.6	10.8	10.2	9.4	10.0	9.2	8.8	9.0	8.6	7.3	8.1
11.1	10.2	10.6	10.2	9.2	9.5	9.4	8.8	9.1	8.5	7.8	8.0
11.0	10.1	10.5	9.7	9.1	9.4	9.4	8.9	9.2	8.7	7.6	8.1
11.0	9.9	10.4	9.2	8.3	8.9	9.4	9.2	9.3	8.8	7.7	8.3
10.6	10.3	10.4	9.5	8.2	9.0	9.6	7.9	8.5	8.4	6.7	7.7
10.4	10.0	10.3	9.6	9.3	9.4	8.8	8.0	8.3	8.6	7.0	7.6
10.3	10.1	10.2	9.5	9.1	9.3	8.6	8.2	8.4	8.5	7.1	8.1
10.4	10.1	10.2	9.3	8.5	9.1	9.2	8.4	8.8	10.4	7.1	8.8
10.2	10.0	10.0	9.6	8.5	9.1	9.0	6.8	7.7	10.1	7.6	8.6
10.5	10.0	10.1	9.4	8.6	9.2	7.8	7.3	7.7	9.3	7.2	8.1
10.6	9.7	10.0	8.9	8.2	8.5	8.6	7.2	7.9	8.6	7.2	7.6
10.0	9.7	9.9	8.6	8.4	8.5	9.5	7.9	8.8	9.0	7.3	8.2
—	—	—	8.7	8.4	8.6	9.2	8.2	8.7	7.8	6.6	7.1
—	—	—	8.7	8.4	8.5	—	—	—	6.7	5.1	5.5
12.3	9.7	10.8	10.8	8.2	9.5	11.5	6.8	9.1	10.4	5.1	8.1

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC—Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.8	4.7	5.4	8.5	6.0	7.2	6.7	5.3	6.0	—	—	—
2	5.9	5.3	5.5	7.8	6.0	6.9	6.7	5.2	6.0	—	—	—
3	6.8	5.6	6.1	8.3	6.1	6.7	6.5	4.5	5.3	—	—	—
4	6.9	6.1	6.6	7.0	6.0	6.6	5.5	4.4	5.0	—	—	—
5	7.2	5.9	6.4	7.1	5.9	6.5	6.0	4.4	4.9	—	—	—
6	7.9	5.3	6.7	8.1	6.2	6.9	7.4	4.2	5.7	—	—	—
7	7.7	6.4	7.0	8.6	5.9	7.0	6.1	4.1	4.9	—	—	—
8	8.2	6.4	7.1	7.8	6.5	7.3	5.7	3.9	4.7	—	—	—
9	7.6	6.3	6.9	8.0	6.1	7.1	5.1	3.5	4.3	—	—	—
10	7.5	6.6	7.0	8.5	5.7	6.7	—	—	—	—	—	—
11	7.4	6.4	6.8	7.2	5.8	6.6	—	—	—	—	—	—
12	7.0	5.8	6.5	7.6	5.7	6.4	—	—	—	—	—	—
13	7.3	5.5	6.2	7.1	5.2	6.4	—	—	—	—	—	—
14	8.0	5.8	6.5	7.0	5.6	6.3	—	—	—	—	—	—
15	8.4	5.9	6.8	7.7	5.3	6.4	—	—	—	—	—	—
16	7.7	6.1	6.8	6.5	5.2	5.9	6.3	3.7	5.2	—	—	—
17	7.3	6.1	6.7	7.3	5.5	6.3	6.1	4.6	5.5	—	—	—
18	7.6	6.2	6.6	6.6	5.1	5.8	6.7	4.7	5.4	5.7	5.1	5.4
19	7.3	5.8	6.5	7.2	5.4	6.6	5.9	4.8	5.1	6.5	5.3	5.8
20	8.0	5.9	6.9	7.2	6.2	6.5	6.4	4.9	6.0	6.5	5.9	6.1
21	7.0	5.8	6.5	7.5	5.4	6.6	6.7	4.2	5.7	6.6	6.0	6.3
22	6.7	5.7	6.2	7.0	5.9	6.5	6.3	4.4	5.5	6.9	6.2	6.5
23	7.0	5.8	6.3	6.7	5.6	6.1	6.0	4.4	5.3	7.9	6.7	7.1
24	7.7	5.8	6.6	5.7	4.6	5.3	6.3	5.2	5.6	8.3	6.6	7.1
25	8.0	6.4	7.2	6.7	4.6	5.5	6.8	5.1	6.1	8.0	6.7	7.4
26	7.9	5.9	7.1	5.9	4.9	5.4	6.9	5.6	6.2	8.4	6.3	7.3
27	6.6	5.6	6.0	6.1	4.8	5.3	6.9	5.7	6.4	7.7	6.7	7.4
28	7.2	5.4	6.4	6.9	5.0	6.0	—	—	—	7.1	6.8	6.9
29	7.4	6.2	6.8	6.7	5.3	6.3	—	—	—	7.1	6.1	6.3
30	7.2	5.9	6.3	7.0	5.8	6.5	—	—	—	7.1	6.5	6.7
31	—	—	—	6.9	5.8	6.3	—	—	—	—	—	—
MONTH	8.4	4.7	6.6	8.6	4.6	6.4	7.4	3.5	5.5	8.4	5.1	6.7
YEAR	12.6	3.5	8.2									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°15'38", long 81°19'30", Fairfield County, Hydrologic Unit 03050106, on left bank 100 ft below dam, 0.3 upstream from Mayo Creek, 2.5 mi west of Jenkinsville, and at mile 201.4.

DRAINAGE AREA.--4,750 mi², approximately.

PERIOD OF RECORD.--Water year 1974 to current year.

PERIOD OF DAILY RECORDS.--
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 121 microsiemens Oct. 25, 1979; minimum, 30 microsiemens Mar. 30, 1980.
pH: Maximum, 8.3 units July 24, 1977; minimum, 5.9 units Oct. 10, 1976.
WATER TEMPERATURE: Maximum, 32.5°C Aug. 25, 1975; July 25, 1976; July 11, 16, 1977; minimum, 0.5°C Jan. 19-21, 1977.
DISSOLVED OXYGEN: Maximum, 13.9 mg/L Jan. 21, 22, 1976; minimum, 2.9 mg/L July 2, 14-15, 1981

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 108 microsiemens Oct. 16; minimum, 38 microsiemens Dec. 7, Mar. 30.
pH: Maximum, 7.3 units June 25-27; minimum, 6.3 units Dec. 6, 7, July 27, Aug. 29, 31.
WATER TEMPERATURE: Maximum, 29.5°C Jun. 20, Aug. 9; minimum, 3.0°C Dec. 28, 29, Jan. 2, 3.
DISSOLVED OXYGEN: Maximum, 13.6 mg/L Jan. 3; minimum, 3.6 mg/L Aug. 10.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	92	87	90	99	93	97	77	75	76	63	59	61
2	97	90	94	100	95	97	78	75	77	62	59	60
3	99	92	96	101	94	97	77	75	76	70	60	63
4	92	90	89	94	91	92	75	72	74	73	65	69
5	91	88	89	91	90	91	74	52	63	73	67	69
6	93	88	89	92	91	92	---	---	---	69	64	67
7	93	88	91	97	92	94	42	38	40	---	---	---
8	90	88	89	96	90	92	45	40	42	---	---	---
9	88	85	87	92	90	91	66	45	52	---	---	---
10	96	88	92	92	85	89	58	53	55	---	---	---
11	99	92	95	87	86	86	64	56	59	---	---	---
12	94	90	93	89	86	87	---	---	---	---	---	---
13	99	93	96	93	89	91	---	---	---	---	---	---
14	101	98	99	95	91	94	---	---	---	57	51	54
15	104	100	101	91	88	90	62	50	56	61	54	56
16	108	96	105	91	88	89	69	55	61	62	59	60
17	98	87	92	89	88	89	65	59	61	65	62	64
18	89	86	88	89	88	89	68	63	65	70	65	68
19	88	87	88	93	87	89	72	64	67	70	54	65
20	88	87	87	95	90	93	74	70	72	64	49	54
21	88	86	87	93	89	91	78	73	74	63	52	55
22	87	86	87	92	90	91	78	71	74	59	54	57
23	91	86	87	91	86	89	73	71	71	71	58	63
24	94	89	92	95	86	89	79	68	71	68	64	65
25	99	89	92	92	88	90	79	65	68	67	60	65
26	104	98	101	---	---	---	---	---	---	69	65	66
27	99	96	97	---	---	---	---	---	---	[illegible]	64	66
28	97	95	96	---	---	---	75	64	67	64	64	64
29	96	91	93	---	---	---	66	63	64	65	64	64
30	92	90	91	---	---	---	70	61	65	72	65	67
31	93	90	92	---	---	---	67	61	62	74	67	70
MONTH	108	30	92	101	35	91	79	38	64	74	49	63

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	73	68	70	—	—	—	47	43	44	74	70	73
2	72	67	69	71	56	61	58	47	52	73	72	73
3	73	68	70	69	61	64	62	53	58	74	71	73
4	73	69	70	65	63	64	59	53	56	71	68	70
5	74	73	73	66	64	65	60	55	57	69	62	66
6	75	72	74	69	40	62	58	56	57	67	59	61
7	75	72	74	71	48	54	59	51	54	71	51	60
8	76	73	75	70	50	53	52	51	51	58	52	55
9	75	72	74	63	45	53	61	52	56	63	51	55
10	79	74	77	62	49	52	61	57	60	67	53	59
11	80	77	79	54	50	52	61	42	50	68	57	63
12	81	79	80	64	53	57	49	41	44	67	60	63
13	82	81	82	64	56	60	57	46	51	65	63	64
14	—	—	—	59	55	56	53	48	50	68	65	66
15	—	—	—	58	55	55	54	52	53	68	67	67
16	—	—	—	58	55	56	56	53	54	67	67	67
17	—	—	—	59	56	58	60	56	57	68	66	67
18	—	—	—	61	60	60	59	55	56	70	67	69
19	—	—	—	62	61	61	57	55	56	73	70	72
20	—	—	—	63	61	62	59	57	58	73	71	72
21	80	72	74	63	58	60	61	59	59	74	69	72
22	84	73	77	62	59	60	62	60	61	73	69	71
23	81	71	74	64	61	62	61	58	60	74	70	72
24	80	64	69	63	62	62	60	55	57	75	71	73
25	64	63	64	63	61	62	60	52	55	77	70	74
26	66	64	65	62	61	61	60	54	56	72	69	71
27	75	64	67	63	62	63	63	57	63	75	69	72
28	62	51	55	62	58	60	66	63	65	78	76	77
29	—	—	—	59	44	53	69	66	67	78	69	73
30	—	—	—	52	38	43	70	69	70	66	51	55
31	—	—	—	50	40	43	—	—	—	67	53	60
MONTH	84	51	72	71	38	58	70	41	56	78	51	67

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	68	62	66	—	—	—	63	54	58	77	69	72
2	67	65	66	—	—	—	64	58	61	78	71	74
3	70	67	68	—	—	—	63	60	61	80	74	75
4	72	68	69	—	—	—	64	58	61	77	74	75
5	75	68	71	—	—	—	62	59	60	82	76	77
6	74	69	71	—	—	—	64	60	61	82	77	79
7	75	69	72	—	—	—	67	64	65	85	79	81
8	77	70	72	—	—	—	67	63	65	85	82	83
9	75	70	71	—	—	—	66	63	65	89	85	87
10	76	70	72	—	—	—	66	63	63	95	83	90
11	84	71	74	—	—	—	—	—	—	85	81	82
12	83	71	74	—	—	—	—	—	—	88	80	83
13	77	71	73	—	—	—	—	—	—	81	79	80
14	77	71	73	—	—	—	—	—	—	83	80	81
15	76	71	73	—	—	—	—	—	—	80	79	80
16	79	73	75	—	—	—	—	—	—	79	77	78
17	79	73	75	—	—	—	—	—	—	88	77	79
18	81	72	75	64	62	63	—	—	—	90	81	86
19	82	72	75	63	57	59	—	—	—	87	84	85
20	81	74	77	61	54	57	—	—	—	87	84	85
21	80	73	76	57	54	55	—	—	—	86	81	83
22	79	72	75	61	55	57	—	—	—	81	78	79
23	79	72	75	63	61	62	—	—	—	87	83	85
24	85	74	78	64	63	63	—	—	—	88	85	87
25	83	74	79	64	64	64	—	—	—	88	80	83
26	82	76	78	64	64	64	—	—	—	80	76	77
27	78	74	76	68	64	66	—	—	—	79	75	77
28	75	73	74	73	67	69	76	70	73	94	76	85
29	—	—	—	78	74	76	79	69	72	92	79	84
30	—	—	—	77	63	71	81	73	78	88	83	86
31	—	—	—	63	56	59	82	71	76	—	—	—
MONTH	85	62	73	78	54	63	82	54	66	95	69	81
YEAR	108	38	71									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.0	6.9	7.0	6.9	7.0	6.9	6.9	6.8	7.0	7.0	—	—
2	7.0	6.9	7.0	7.0	7.0	7.0	6.9	6.8	7.0	7.0	6.9	6.7
3	7.0	6.9	7.0	7.0	7.0	7.0	6.9	6.9	7.0	6.9	6.9	6.8
4	7.0	6.9	7.1	7.0	7.0	6.9	6.9	6.9	7.0	7.0	6.8	6.8
5	6.9	6.8	7.1	7.0	6.9	6.5	7.0	6.9	7.0	7.0	6.8	6.8
6	6.9	6.8	7.1	7.0	—	—	7.0	6.9	7.1	7.0	6.9	6.6
7	7.0	6.9	7.0	6.9	6.4	6.3	—	—	7.1	7.0	6.9	6.6
8	7.0	6.9	7.0	7.0	6.4	6.3	—	—	7.1	7.0	6.9	6.6
9	7.0	6.9	7.0	6.9	6.7	6.4	—	—	7.1	7.0	6.8	6.5
10	7.0	6.9	7.1	7.0	6.5	6.5	—	—	7.1	6.9	6.8	6.7
11	7.0	7.0	7.1	7.0	6.6	6.5	—	—	7.0	7.0	6.8	6.7
12	7.0	6.9	7.1	7.0	—	—	—	—	7.0	6.9	6.9	6.7
13	7.0	6.9	7.1	7.0	—	—	—	—	7.0	6.9	6.9	6.8
14	7.0	7.0	7.1	7.0	—	—	6.8	6.7	—	—	6.8	6.8
15	7.2	7.0	7.1	7.1	6.7	6.5	6.9	6.7	—	—	6.8	6.7
16	7.0	6.9	7.1	7.0	6.8	6.7	6.9	6.8	—	—	6.7	6.7
17	7.0	6.8	7.1	7.1	6.8	6.8	6.9	6.8	—	—	6.7	6.7
18	7.0	6.9	7.1	7.1	6.9	6.8	7.0	6.9	—	—	6.7	6.7
19	6.9	6.8	7.1	7.0	7.0	6.8	7.0	6.8	—	—	6.8	6.7
20	7.0	6.9	7.0	7.0	7.1	7.0	6.9	6.7	—	—	7.0	6.8
21	7.0	6.9	7.0	7.0	7.1	7.1	6.9	6.7	6.9	6.7	7.0	6.9
22	7.0	7.0	7.0	7.0	7.1	7.0	6.8	6.7	7.0	6.8	7.1	7.0
23	7.0	6.8	7.0	7.0	7.0	7.0	7.0	6.8	6.9	6.8	7.1	7.0
24	6.9	6.9	7.1	7.0	7.0	7.0	7.0	6.9	7.0	6.7	7.0	6.9
25	7.0	6.9	7.1	7.1	7.1	6.9	6.9	6.9	6.7	6.7	7.0	6.8
26	7.0	7.0	—	—	—	—	7.0	6.9	6.7	6.7	6.8	6.8
27	7.0	7.0	—	—	—	—	7.0	6.9	6.9	6.7	6.9	6.8
28	7.0	7.0	—	—	6.9	6.9	6.9	6.9	6.7	6.6	6.9	6.8
29	7.1	6.9	—	—	6.9	6.9	6.9	6.9	—	—	6.9	6.6
30	7.0	6.9	—	—	6.9	6.9	7.0	6.9	—	—	6.7	6.5
31	7.0	6.9	—	—	6.9	6.9	7.0	7.0	—	—	6.6	6.5
MONTH	7.2	6.8	7.1	6.9	7.1	6.3	7.0	6.7	7.1	6.6	7.1	6.5

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.6	6.5	6.8	6.7	6.8	6.6	—	—	6.6	6.5	6.6	6.4
2	6.8	6.6	6.8	6.8	6.7	6.6	—	—	6.6	6.5	6.5	6.4
3	6.8	6.7	6.8	6.8	6.7	6.6	—	—	6.6	6.5	6.6	6.4
4	6.9	6.8	6.8	6.7	6.7	6.6	—	—	6.5	6.5	6.5	6.4
5	6.9	6.7	6.8	6.6	6.7	6.6	—	—	6.5	6.5	6.7	6.4
6	7.0	6.9	6.8	6.6	6.7	6.6	—	—	6.5	6.5	6.8	6.6
7	6.9	6.9	6.8	6.4	6.8	6.6	—	—	6.6	6.4	6.8	6.6
8	6.9	6.8	6.6	6.4	6.7	6.6	—	—	6.6	6.4	6.8	6.6
9	7.0	6.8	6.7	6.5	6.7	6.6	—	—	6.6	6.5	6.8	6.7
10	7.0	6.9	6.8	6.5	6.8	6.7	—	—	6.5	6.4	7.0	6.7
11	7.0	6.7	6.7	6.5	6.7	6.6	—	—	—	—	6.8	6.6
12	6.8	6.7	6.7	6.6	6.7	6.6	—	—	—	—	6.7	6.6
13	6.9	6.7	6.7	6.6	6.8	6.7	—	—	—	—	6.8	6.6
14	6.9	6.8	6.8	6.7	6.8	6.7	—	—	—	—	6.7	6.6
15	7.0	6.9	6.8	6.7	7.0	6.7	—	—	—	—	6.6	6.5
16	7.1	7.0	6.9	6.7	6.9	6.7	—	—	—	—	6.7	6.5
17	7.1	7.1	6.9	6.8	6.8	6.7	—	—	—	—	6.8	6.7
18	7.1	7.0	6.9	6.8	6.8	6.7	6.8	6.7	—	—	6.8	6.7
19	7.0	7.0	7.0	6.8	6.7	6.6	6.8	6.7	—	—	6.9	6.8
20	7.0	7.0	6.9	6.8	6.8	6.6	6.8	6.7	—	—	6.8	6.8
21	7.0	7.0	6.9	6.8	6.9	6.7	6.7	6.6	—	—	6.8	6.7
22	7.0	6.9	6.8	6.7	6.9	6.8	6.8	6.6	—	—	6.7	6.7
23	6.9	6.9	6.8	6.7	7.0	6.9	6.8	6.7	—	—	6.8	6.6
24	6.9	6.8	6.8	6.7	7.2	6.9	6.8	6.6	—	—	6.6	6.5
25	6.9	6.8	6.9	6.8	7.3	7.1	6.7	6.6	—	—	6.8	6.5
26	6.8	6.7	6.8	6.7	7.3	7.1	6.7	6.6	—	—	7.0	6.5
27	6.8	6.8	6.8	6.7	7.3	7.1	6.7	6.3	—	—	6.8	6.6
28	6.8	6.8	6.8	6.7	7.2	7.1	6.8	6.6	6.5	6.4	6.9	6.8
29	6.8	6.8	6.8	6.8	—	—	6.8	6.7	6.6	6.3	7.0	6.9
30	6.9	6.8	6.7	6.4	—	—	6.8	6.7	6.7	6.4	6.9	6.8
31	—	—	6.8	6.5	—	—	6.7	6.6	6.7	6.3	—	—
MONTH	7.1	6.5	7.0	6.4	7.3	6.6	6.8	6.3	6.7	6.3	7.0	6.4
YEAR	7.3	6.3										

BEST COPY AVAILABLE

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.5	22.5	23.0	18.0	16.5	17.5	13.5	13.0	13.5	6.0	3.5	4.5
2	24.0	21.5	22.5	19.0	17.0	18.0	13.5	12.5	13.0	4.5	3.0	3.5
3	24.0	21.5	23.0	20.0	16.5	18.0	13.5	12.5	13.0	6.0	3.0	4.5
4	25.5	23.5	24.5	20.0	19.5	19.5	13.5	12.0	12.0	8.0	4.5	6.0
5	25.5	24.5	24.5	20.0	19.0	19.5	13.5	12.0	12.5	8.0	5.5	6.5
6	25.0	24.0	24.5	19.5	18.0	18.5	---	---	---	9.0	5.5	7.0
7	24.5	24.0	24.5	19.0	17.5	18.0	12.5	11.5	12.5	---	---	---
8	24.5	23.5	24.0	19.5	19.0	19.0	11.5	10.5	11.0	---	---	---
9	24.0	23.5	23.5	19.5	19.0	19.0	12.5	9.5	10.5	---	---	---
10	23.5	22.5	23.0	19.5	18.5	19.0	10.5	9.0	9.5	---	---	---
11	23.0	22.5	22.5	18.5	17.5	18.0	10.0	9.0	9.5	---	---	---
12	23.0	22.5	23.0	17.5	16.5	17.0	---	---	---	---	---	---
13	23.5	22.5	23.0	16.5	16.0	16.5	---	---	---	---	---	---
14	22.5	22.0	22.0	16.0	15.0	15.5	---	---	---	7.0	5.5	6.5
15	23.0	21.5	22.0	17.0	16.0	16.5	12.0	10.5	11.5	6.5	5.5	5.5
16	22.5	21.0	21.5	16.5	15.0	16.0	12.5	10.5	11.0	6.5	5.5	6.0
17	23.5	20.5	22.0	15.5	15.0	15.0	11.0	10.0	10.5	6.5	6.0	6.5
18	23.0	22.5	23.0	15.5	14.5	15.0	11.0	9.0	10.0	8.0	6.5	7.0
19	23.0	22.0	22.5	16.0	13.0	15.0	10.0	9.0	9.5	8.0	7.5	7.5
20	23.5	22.5	23.0	14.0	12.5	13.0	10.0	8.5	9.5	8.5	6.5	7.5
21	22.5	21.0	21.5	14.0	12.0	12.5	10.5	8.0	9.0	8.0	5.5	6.5
22	21.5	21.0	21.0	13.0	11.5	12.5	10.0	7.5	8.5	5.5	4.5	5.0
23	21.5	19.5	20.5	16.0	12.0	14.0	7.5	7.0	7.0	7.5	4.0	5.0
24	21.0	19.5	20.0	16.5	14.0	15.5	10.5	6.5	8.0	6.0	4.5	5.0
25	21.0	19.0	20.5	15.0	14.0	14.5	10.0	5.0	6.0	5.0	4.5	4.5
26	20.0	19.0	19.5	---	---	---	---	---	---	6.0	4.5	5.5
27	20.0	19.5	19.5	---	---	---	---	---	---	7.5	6.0	7.0
28	20.0	18.5	19.5	---	---	---	9.0	3.0	4.0	8.5	7.5	8.0
29	21.0	18.5	19.5	---	---	---	5.0	3.0	3.5	9.0	8.0	8.5
30	19.5	18.0	18.5	---	---	---	6.5	4.0	5.0	9.0	7.5	8.5
31	18.0	17.0	17.5	---	---	---	6.0	4.0	4.5	9.0	7.5	8.0
MONTH	25.5	17.0	22.0	20.0	11.5	16.5	13.5	3.0	9.5	9.0	3.0	6.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	7.5	8.0	---	---	---	14.5	13.0	14.0	21.0	17.0	19.5
2	8.5	6.5	7.5	9.0	6.5	7.5	15.0	13.5	14.0	19.5	17.5	18.5
3	8.5	6.5	7.5	9.5	7.0	8.0	14.0	13.0	13.5	19.0	17.0	18.0
4	8.5	7.0	7.5	9.5	8.0	9.0	17.0	13.5	15.0	17.5	16.5	17.0
5	8.5	7.5	8.0	10.0	9.0	9.5	17.0	14.0	15.0	18.0	17.0	17.5
6	8.5	7.0	8.0	11.0	10.0	10.5	14.5	13.5	14.0	18.5	17.5	18.0
7	8.0	7.0	7.5	11.5	10.5	11.0	14.5	13.5	14.0	18.5	17.5	18.0
8	7.5	6.5	7.0	11.0	10.0	10.5	14.5	14.0	14.0	19.5	18.0	18.5
9	8.0	6.5	7.5	11.0	9.5	10.5	14.5	13.5	14.0	18.5	17.5	18.0
10	8.0	6.5	7.0	10.5	9.5	10.0	13.5	13.0	13.5	18.5	17.0	17.5
11	8.0	6.0	7.0	10.0	8.5	9.0	13.5	11.5	12.0	18.0	17.0	17.5
12	10.0	7.5	8.5	11.0	8.5	9.5	13.0	11.5	12.5	19.5	17.5	18.0
13	11.0	9.5	10.5	11.0	9.5	10.0	14.5	13.0	14.0	21.5	18.5	19.5
14	---	---	---	11.0	9.5	10.0	17.0	14.5	15.5	22.0	18.5	20.0
15	---	---	---	13.0	11.0	11.5	17.0	15.5	16.0	21.5	19.0	20.0
16	---	---	---	14.0	12.0	13.0	17.0	16.0	16.5	21.0	20.0	20.5
17	---	---	---	14.0	12.5	13.5	16.0	14.0	15.0	20.5	19.5	20.0
18	---	---	---	15.0	14.0	14.0	15.5	14.5	15.0	21.5	19.0	20.0
19	---	---	---	15.5	13.5	14.5	15.0	14.5	15.0	22.0	19.5	20.5
20	---	---	---	15.5	14.0	15.0	14.5	14.0	14.0	22.0	19.5	20.5
21	12.5	11.5	12.0	15.5	13.0	14.5	14.5	13.5	14.0	22.5	19.5	21.0
22	12.0	11.5	12.0	14.5	13.0	14.0	14.5	13.5	14.0	23.0	19.5	21.0
23	11.5	11.0	11.5	14.5	13.0	13.5	15.0	14.0	14.5	23.5	20.5	22.0
24	11.0	10.5	10.5	15.5	13.0	14.0	14.5	13.5	14.0	24.0	21.5	23.0
25	11.0	10.0	10.5	15.0	14.0	14.5	15.0	13.5	14.5	24.0	21.0	23.0
26	11.0	10.0	10.5	15.5	14.5	15.0	17.5	14.5	15.5	24.0	21.5	22.5
27	11.0	9.5	10.5	15.5	14.5	15.0	16.0	14.5	15.0	24.5	21.5	23.0
28	9.5	7.0	8.5	17.0	15.0	15.5	17.5	15.0	16.0	24.5	23.5	24.0
29	---	---	---	16.0	13.5	15.0	17.5	15.5	16.5	24.0	22.0	23.5
30	---	---	---	15.0	13.5	14.0	17.5	15.5	16.5	22.5	21.0	21.5
31	---	---	---	14.0	13.0	13.5	---	---	---	21.5	20.0	21.0
MONTH	12.5	6.0	9.0	17.0	6.5	12.0	17.5	11.5	14.5	24.5	16.5	20.0

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	20.5	21.0	—	—	—	26.0	23.0	24.0	28.5	27.0	27.5
2	23.0	20.5	21.5	—	—	—	26.0	24.0	25.5	28.5	26.5	27.5
3	24.0	20.5	22.0	—	—	—	27.0	24.5	25.5	29.0	27.0	27.5
4	24.5	21.5	23.0	—	—	—	26.5	25.5	26.0	27.5	27.0	27.5
5	25.0	22.5	23.5	—	—	—	27.5	26.0	26.5	27.0	26.0	26.5
6	26.0	22.0	24.0	—	—	—	28.0	26.5	27.0	27.0	26.0	26.5
7	26.5	22.5	24.5	—	—	—	29.0	27.0	28.0	26.5	25.5	26.0
8	27.0	23.0	24.5	—	—	—	29.5	27.0	27.5	26.5	25.0	25.5
9	26.0	23.0	24.0	—	—	—	28.5	27.5	28.0	25.5	24.5	25.0
10	26.5	23.5	24.5	—	—	—	28.5	27.0	27.5	25.5	23.0	24.0
11	27.5	24.0	25.0	—	—	—	—	—	—	26.5	25.5	26.0
12	27.5	24.0	25.0	—	—	—	—	—	—	27.0	25.5	26.0
13	27.0	24.0	25.0	—	—	—	—	—	—	27.5	26.0	26.5
14	28.0	24.5	26.0	—	—	—	—	—	—	28.0	26.0	27.0
15	28.5	24.5	26.0	—	—	—	—	—	—	28.0	26.5	27.0
16	28.5	25.5	26.5	—	—	—	—	—	—	27.0	24.5	25.5
17	28.0	25.5	26.5	—	—	—	—	—	—	24.5	23.0	23.5
18	28.5	24.5	26.0	27.0	26.0	27.0	—	—	—	23.0	22.0	22.5
19	28.5	25.0	26.5	26.0	25.0	25.5	—	—	—	23.5	22.0	22.5
20	29.5	26.0	27.0	25.5	25.0	25.0	—	—	—	24.0	21.5	22.5
21	28.5	26.0	27.0	26.0	25.0	25.0	—	—	—	24.0	22.5	23.0
22	27.0	25.5	26.0	26.5	25.0	25.5	—	—	—	24.5	23.5	24.0
23	26.0	25.5	25.5	27.0	26.0	26.5	—	—	—	26.0	23.0	24.0
24	26.0	25.0	25.5	28.0	26.5	27.0	—	—	—	24.0	23.5	24.0
25	26.5	25.0	25.5	28.5	26.5	27.5	—	—	—	26.0	24.0	25.0
26	26.5	25.0	25.5	29.0	27.0	27.5	—	—	—	27.5	24.5	25.5
27	26.5	25.0	25.5	28.0	26.0	27.0	—	—	—	26.0	23.5	24.5
28	26.5	24.5	25.5	27.5	26.5	27.0	27.0	26.5	27.0	23.0	21.0	22.0
29	—	—	—	27.0	25.5	26.5	27.0	26.0	26.5	23.0	21.0	22.0
30	—	—	—	25.5	23.5	24.5	27.5	26.0	26.5	22.0	20.5	21.0
31	—	—	—	24.5	22.5	23.0	28.0	26.5	27.0	—	—	—
MONTH	29.5	20.5	25.0	29.0	22.5	26.0	29.5	23.0	26.5	29.0	20.5	25.0
YEAR	29.5	3.0	17.5									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.0	6.4	6.7	7.8	7.4	7.6	8.9	8.6	8.8	11.6	10.2	11.2
2	7.2	6.7	7.0	7.9	7.4	7.6	10.6	7.5	9.1	13.2	11.0	12.1
3	7.1	6.7	6.8	7.9	7.6	7.7	11.7	9.4	10.0	13.6	12.4	13.1
4	6.7	6.5	6.6	7.7	7.5	7.6	11.2	9.5	10.1	13.3	12.0	12.7
5	6.7	6.0	6.4	7.9	7.4	7.6	11.0	8.7	9.3	13.5	11.5	12.7
6	6.4	5.9	6.1	7.8	7.5	7.6	---	---	---	13.3	10.6	12.1
7	6.7	6.1	6.4	7.6	7.2	7.4	9.1	8.6	8.8	---	---	---
8	6.9	6.4	6.7	7.7	7.3	7.5	9.5	9.1	9.3	---	---	---
9	7.2	6.7	6.9	7.6	7.2	7.4	9.6	8.5	9.0	---	---	---
10	7.3	6.8	7.1	10.7	7.6	8.4	8.9	8.6	8.7	---	---	---
11	7.4	7.0	7.2	10.0	8.3	9.4	9.2	8.6	8.9	---	---	---
12	7.2	6.9	7.1	10.2	9.0	9.4	---	---	---	---	---	---
13	7.2	6.6	6.9	10.2	9.8	9.9	---	---	---	---	---	---
14	7.1	6.8	6.9	9.1	8.6	8.8	---	---	---	12.6	12.3	12.5
15	7.5	6.7	7.0	8.7	8.3	8.5	9.7	8.6	9.1	12.8	12.3	12.6
16	7.1	6.6	6.8	8.9	8.2	8.5	9.4	8.4	8.9	12.7	11.9	12.3
17	7.1	6.5	6.7	8.5	8.2	8.4	10.0	8.9	9.6	12.0	11.6	11.8
18	6.6	6.2	6.4	8.6	8.3	8.5	10.2	9.4	9.3	11.6	10.8	11.2
19	6.6	6.1	6.4	8.9	8.5	8.6	10.9	9.7	10.4	11.1	10.7	10.9
20	6.8	6.5	6.6	9.2	8.8	9.0	11.3	10.5	10.8	11.3	10.7	11.1
21	6.7	6.3	6.5	9.6	9.0	9.4	11.1	10.0	10.7	11.5	11.0	11.3
22	6.8	6.6	6.7	9.5	8.9	9.2	11.7	10.2	11.2	11.7	11.3	11.5
23	6.6	6.1	6.3	9.1	8.3	8.7	11.7	11.4	11.6	12.2	10.3	11.7
24	6.7	6.1	6.3	9.3	8.1	8.4	11.7	9.2	10.9	12.7	12.1	12.4
25	6.7	6.1	6.3	9.9	8.4	8.7	10.4	8.9	9.8	12.6	12.3	12.5
26	7.0	6.6	6.7	---	---	---	---	---	---	12.5	11.7	12.1
27	7.1	6.7	6.9	---	---	---	---	---	---	11.9	11.5	11.7
28	7.2	6.8	7.0	---	---	---	12.7	11.0	11.9	11.5	10.9	11.2
29	7.4	6.9	7.1	---	---	---	12.7	10.2	11.9	11.0	10.8	10.9
30	7.5	7.0	7.3	---	---	---	11.3	8.4	10.1	11.0	10.6	10.8
31	7.6	7.0	7.4	---	---	---	11.9	10.8	11.3	11.2	10.5	10.8
MONTH	7.6	5.9	6.8	10.7	7.2	8.4	12.7	7.5	10.0	13.6	10.2	11.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.3	10.5	10.9	---	---	---	9.6	9.1	9.3	8.1	7.3	7.7
2	11.7	11.0	11.3	12.0	11.1	11.7	9.7	9.3	9.5	7.8	7.4	7.5
3	12.3	10.8	11.4	11.7	11.1	11.5	9.7	9.3	9.5	7.9	7.3	7.7
4	11.7	10.4	11.1	11.5	11.1	11.3	9.4	9.3	9.3	8.2	7.8	8.0
5	11.1	9.9	10.8	11.3	10.8	11.1	8.6	8.5	8.5	8.2	7.7	8.0
6	11.2	10.8	11.0	10.9	10.4	10.6	8.8	8.5	8.6	8.2	7.8	8.0
7	11.2	10.9	11.0	10.9	10.5	10.7	8.9	8.7	8.8	8.3	7.4	8.0
8	11.4	11.0	11.2	10.6	10.3	10.5	8.9	8.7	8.8	7.9	7.2	7.6
9	11.6	11.2	11.4	10.8	10.3	10.6	9.2	8.8	9.0	8.1	7.3	7.8
10	11.7	10.5	11.3	10.9	10.6	10.8	9.2	9.0	9.1	8.2	7.6	8.0
11	11.8	11.2	11.5	11.2	10.7	11.0	10.4	9.1	9.8	8.2	7.3	7.8
12	11.7	11.1	11.4	11.2	10.6	11.0	10.4	9.8	10.1	8.0	7.7	7.8
13	11.2	10.8	11.0	11.1	10.6	10.9	9.8	9.3	9.5	7.8	7.5	7.6
14	---	---	---	11.1	10.7	10.9	9.3	8.9	9.1	7.9	7.3	7.5
15	---	---	---	10.7	10.2	10.5	9.0	8.8	8.9	8.2	7.3	7.7
16	---	---	---	10.7	10.3	10.5	9.2	8.8	9.0	8.2	7.3	7.6
17	---	---	---	10.5	9.9	10.2	9.8	9.3	9.6	8.4	7.6	8.0
18	---	---	---	9.9	9.7	9.8	9.8	9.1	9.4	8.3	7.8	8.1
19	---	---	---	10.0	9.4	9.7	9.3	9.1	9.2	8.4	7.9	8.1
20	---	---	---	9.7	9.2	9.4	9.2	9.0	9.1	8.3	7.8	8.0
21	10.2	9.3	9.9	9.6	8.9	9.1	9.2	9.1	9.2	8.0	7.7	7.8
22	10.6	9.8	10.0	9.2	8.7	9.0	9.2	8.8	9.0	8.0	7.1	7.6
23	10.5	9.9	10.2	9.8	9.1	9.4	9.0	8.5	8.8	7.7	6.8	7.2
24	10.5	10.3	10.4	10.0	9.5	9.7	9.6	8.7	9.1	7.1	6.8	7.0
25	10.6	10.4	10.5	9.9	9.7	9.8	9.1	8.9	9.0	8.1	7.0	7.3
26	10.6	10.3	10.4	10.1	9.5	9.8	9.0	8.5	8.7	7.7	6.8	7.2
27	10.7	10.5	10.6	9.8	9.4	9.6	8.7	8.3	8.6	7.8	6.5	7.2
28	11.4	10.6	11.0	9.3	9.1	9.2	8.4	7.8	8.2	7.3	6.6	6.9
29	---	---	---	9.5	8.5	8.9	8.4	8.0	8.3	7.6	6.9	7.3
30	---	---	---	9.5	9.2	9.4	8.5	8.1	8.3	7.7	7.4	7.5
31	---	---	---	9.7	9.2	9.4	---	---	---	7.5	7.1	7.3
MONTH	12.3	9.8	10.9	12.0	8.5	10.2	10.4	7.8	9.0	8.4	6.5	7.6

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.3	6.7	7.0	---	---	---	7.1	5.5	6.3	6.3	5.2	5.6
2	7.0	6.3	6.9	---	---	---	6.2	5.4	5.7	6.2	5.2	5.6
3	6.9	6.3	6.7	---	---	---	6.1	5.4	5.8	6.3	5.2	5.7
4	6.6	5.7	6.2	---	---	---	5.8	5.1	5.5	5.8	5.0	5.4
5	6.3	5.7	5.9	---	---	---	5.8	5.5	5.6	6.7	5.3	5.9
6	6.1	5.6	5.9	---	---	---	5.5	5.0	5.3	6.8	5.9	6.3
7	6.2	5.6	5.9	---	---	---	5.0	4.5	4.7	6.9	6.0	6.4
8	6.1	5.4	5.8	---	---	---	4.7	4.1	4.4	6.6	5.9	6.3
9	6.1	5.7	5.9	---	---	---	4.4	3.8	4.2	6.7	6.2	6.5
10	6.0	5.7	5.9	---	---	---	4.0	3.6	3.8	7.7	6.2	6.8
11	6.0	5.5	5.7	---	---	---	---	---	---	6.8	6.1	6.4
12	6.1	5.1	5.6	---	---	---	---	---	---	6.9	6.2	6.5
13	6.1	5.5	5.8	---	---	---	---	---	---	6.9	6.3	6.6
14	6.2	5.7	6.0	---	---	---	---	---	---	6.8	6.2	6.4
15	6.8	6.0	6.3	---	---	---	---	---	---	6.3	5.8	6.1
16	6.7	6.1	6.3	---	---	---	---	---	---	6.6	6.0	6.3
17	6.2	6.0	6.1	---	---	---	---	---	---	6.6	6.1	6.3
18	6.1	5.5	5.8	6.4	5.7	6.2	---	---	---	6.8	6.3	6.5
19	5.7	5.4	5.5	6.5	5.8	6.3	---	---	---	7.2	6.3	6.8
20	5.8	5.3	5.5	6.7	6.3	6.5	---	---	---	7.0	6.7	6.8
21	5.8	5.2	5.5	6.6	6.1	6.3	---	---	---	7.0	6.4	6.8
22	5.6	5.4	5.5	6.3	6.1	6.2	---	---	---	6.5	6.3	6.4
23	5.7	5.5	5.6	6.3	5.9	6.1	---	---	---	6.6	6.0	6.4
24	6.0	5.5	5.6	6.3	5.6	5.9	---	---	---	6.2	5.8	6.0
25	6.6	5.7	6.0	6.2	5.5	5.8	---	---	---	6.9	5.7	6.2
26	6.5	5.8	6.1	6.1	5.4	5.7	---	---	---	7.0	5.7	6.2
27	6.6	5.8	6.1	6.1	4.9	5.6	---	---	---	6.4	5.7	6.2
28	6.3	5.6	5.8	6.3	5.4	5.8	5.9	4.8	5.1	6.7	6.1	6.4
29	---	---	---	6.1	5.8	6.0	6.0	4.7	5.1	7.0	6.7	6.9
30	---	---	---	6.7	6.1	6.4	6.8	4.9	6.0	6.9	6.6	6.7
31	---	---	---	6.8	6.3	6.6	6.7	4.6	5.7	---	---	---
MONTH	7.3	5.1	6.0	6.8	4.9	6.1	7.1	3.6	5.2	7.7	5.0	6.3
YEAR	13.6	3.6	8.3									

02161000 BROAD RIVER AT ALSTON, SC

LOCATION.--Lat 34°14'35", long 81°19'11", Fairfield County, Hydrologic Unit 03050106, on left bank at Southern Railway Alston-Peak trestle, 1.2 mi downstream from Parr Shoals Dam, and at mi 200.2.

DRAINAGE AREA.--4,790 mi².

PERIOD OF RECORD.--October 1980 to current year.

REVISED RECORDS.--WRD SC-82-1: 1982(M).

GAGE.--Water-stage recorder. Elevation of gage is 210 ft (from topographic map).

REMARKS.--Records good. Regulation at low and median flow by powerplants above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 39,400 ft³/s Jan. 5, 1982, gage height 19.95 ft; minimum daily, 462 ft³/s, Nov. 30, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 54,100 ft³/s Feb. 16, gage height 18.85 ft; minimum daily, 560 ft³/s, Sept. 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1980	1500	4380	10200	6590	25300	10200	6190	9980	5060	12500	2670
2	2000	2500	3630	5510	5560	17100	9660	10700	6980	4590	15300	2740
3	1980	1180	4310	5620	5520	11500	10300	10600	5040	12200	7830	2000
4	2000	1140	12000	5500	2830	3700	9630	20400	4420	3050	11700	1980
5	2010	1140	26700	5480	4770	4900	12500	21400	5260	1930	9400	2530
6	2000	1230	36600	6200	5750	26300	10700	19400	5470	4460	8060	3530
7	1990	3260	49200	5640	5450	35600	8840	29200	5460	5260	5720	3570
8	1960	4240	42300	5550	5410	26000	5730	23400	5230	5240	2580	3050
9	1940	838	25700	5670	5340	10900	12800	27200	4180	5170	3830	2140
10	1950	1760	15000	6440	5630	12100	15800	28500	4440	4210	5580	4250
11	1770	943	9440	39300	5670	6520	25900	13400	4550	4260	5310	2560
12	1310	1590	13700	41300	5260	4950	27800	12600	4540	3910	7970	3190
13	1310	2270	28500	25200	3990	5630	14300	7350	3640	3860	5440	2570
14	1310	2270	25500	12400	31500	16000	7940	9500	4000	4540	3670	2540
15	1770	3550	13400	5870	47400	10900	7330	8780	4320	5000	12300	2040
16	3160	4360	12200	6770	48900	5700	8880	5500	2740	5130	8330	1330
17	5650	1120	3050	7450	27100	5640	10800	5730	3690	11600	8730	2510
18	2050	3510	4590	8360	12000	5510	12200	5650	5180	5270	5240	2510
19	1270	2330	3190	17100	7510	11600	9780	5810	4020	15200	5260	2510
20	1250	1300	5810	22000	6720	11300	7900	6170	4460	13800	6370	2520
21	1360	4480	5720	17200	7600	7730	6810	7840	4510	9370	5190	2570
22	3570	2650	5630	7500	10300	6300	6030	9930	4470	6340	5130	2610
23	1700	1890	5640	7510	11100	5340	9880	5380	5270	6960	5220	2510
24	2730	4590	13300	8100	17400	5510	10600	7600	5230	5370	3390	506
25	2730	5650	8730	6420	17000	8940	20400	11900	5240	5220	3420	1380
26	2520	12400	3050	9250	13200	8870	8300	9260	5210	5270	5160	1390
27	2460	7110	5780	9520	19100	8390	12200	5600	5200	5100	3550	2940
28	2440	5560	6640	8110	30800	7680	7650	4380	4530	5220	2580	3440
29	2440	5680	9630	7330	36800	30500	3680	16500	5170	5910	3970	3030
30	2450	4490	11700	7680	—	34800	8940	22000	5210	10200	5240	2290
31	2030	—	9700	7820	—	23100	—	15300	—	13300	4990	---
TOTAL	67590	96531	434720	344000	412200	404310	333480	389170	147610	202000	203960	75946
MEAN	2180	3218	14020	11100	14210	13040	11120	12550	4920	6516	6579	2532
MAX	5650	12400	49200	41300	48900	35600	27800	29200	9980	15200	15300	4250
MIN	1250	838	3050	5480	2830	3700	3680	4380	2740	1930	2580	506

CAL YR 1983	TOTAL	2700531	MEAN	7399	MAX	49200	MIN	838
WTR YR 1984	TOTAL	3111517	MEAN	8501	MAX	49200	MIN	506

02161700 WEST FORK LITTLE RIVER NEAR SALEM CROSSROADS, SC

LOCATION.--Lat 34°27'08", long 81°15'45", Fairfield County, Hydrologic Unit 03050106, at Road 346 bridge, 3.0 mi northeast of Salem Crossroads and 12.0 mi northwest of Winnsboro.

DRAINAGE AREA.--25.5 mi².

PERIOD OF RECORD.--October 1980 to current year. Records for October 1980 to September 1983 are unreliable below 700 ft³/s and should not be used.

GAGE.--Water-stage recorder. Elevation of gage is 327 ft (from topographic map).

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,200 ft³/s Dec. 6, 1983, gage height, 9.07 ft; no flow July 5-11, 1982, and many days July to Sept. 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,200 ft³/s Dec. 6, gage height, 9.07 ft; minimum daily, 0.70 ft³/s, Oct. 1, 1983.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.70	.99	4.1	54	11	46	25	18	7.4	5.9	31	2.8
2	.90	.98	3.6	16	11	35	18	20	6.4	6.7	63	2.6
3	1.0	.99	113	12	11	29	20	178	5.6	8.9	26	2.6
4	.80	1.1	165	10	28	24	30	196	5.0	6.0	16	2.9
5	.80	1.5	73	9.6	29	37	79	63	4.5	5.2	12	3.1
6	1.5	1.2	1450	8.5	20	134	29	331	4.2	44	9.6	2.6
7	.90	1.0	151	7.3	16	125	19	841	4.0	12	8.1	2.4
8	.75	.95	64	6.3	13	63	14	120	3.8	7.3	7.1	2.3
9	.80	1.0	33	6.5	12	39	13	65	3.8	6.0	6.4	2.3
10	.90	1.1	20	395	11	30	111	40	3.7	5.6	26	2.3
11	1.0	1.1	27	891	11	26	87	27	3.6	5.2	18	2.4
12	1.1	1.0	246	105	9.9	21	39	20	3.3	4.8	9.0	2.2
13	1.4	1.0	98	63	115	94	26	16	3.0	4.5	7.4	2.0
14	1.8	1.1	66	56	746	63	20	12	2.6	9.2	6.8	1.9
15	1.7	8.0	47	46	121	34	18	9.6	2.3	5.5	5.9	1.9
16	1.5	12	28	37	58	26	13	8.9	1.9	4.3	18	1.9
17	1.3	3.1	18	29	38	22	10	8.3	3.5	12	23	1.6
18	1.2	2.3	13	91	27	20	8.7	8.2	3.0	20	8.9	1.7
19	1.1	2.2	12	384	22	17	9.6	7.9	2.4	11	6.9	1.8
20	1.0	2.9	7.8	94	19	17	19	8.0	1.9	6.6	5.8	1.8
21	.90	5.7	7.1	53	15	34	18	7.7	24	5.6	4.7	1.7
22	.97	2.9	68	33	12	18	19	7.5	61	4.9	4.2	1.6
23	5.6	2.4	91	26	216	14	148	9.2	10	4.3	4.5	1.5
24	7.3	10	66	26	102	12	63	15	7.6	4.0	4.2	1.6
25	2.0	84	54	27	54	16	28	8.1	6.8	4.4	3.6	1.6
26	1.6	29	54	22	38	13	18	8.0	5.4	15	3.7	1.5
27	1.2	6.1	54	22	392	11	15	8.2	4.9	6.2	3.9	1.3
28	1.0	9.6	81	19	190	384	16	9.5	5.7	22	3.4	1.4
29	1.0	32	88	16	78	292	12	11	7.4	142	3.4	1.6
30	.97	6.2	45	14	—	69	12	9.0	7.9	47	3.4	2.0
31	.99	—	65	12	—	36	—	8.4	—	21	3.2	—
TOTAL	45.68	233.41	3312.6	2591.2	2425.9	1821	957.3	2099.5	216.6	467.2	357.1	60.9
MEAN	1.47	7.78	107	83.6	83.7	58.7	31.9	67.7	7.22	15.1	11.5	2.03
MAX	7.3	84	1450	891	746	384	148	841	61	142	63	3.1
MIN	.70	.95	3.6	6.3	9.9	11	8.7	7.5	1.9	4.0	3.2	1.3

CAL YR 1983 TOTAL 12643.99 MEAN 34.6 MAX 1450 MIN .00
WTR YR 1984 TOTAL 14588.39 MEAN 39.9 MAX 1450 MIN .70

02162093 SMITH BRANCH AT NORTH MAIN STREET, COLUMBIA, SC

LOCATION.--Lat 34°01'38", long 81°02'31", Richland County, Hydrologic Unit 03050106, on left bank, 15 ft upstream from culvert opening at North Main Street in Columbia.

DRAINAGE AREA.--5.67 mi².

PERIOD OF RECORD.--October 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 200 ft (from topographic map).

REMARKS.--Records good, except period of no gage-height record Dec. 8 to Jan. 9, which is poor.

AVERAGE DISCHARGE.--8 years, 9.58 ft³/s, 22.94 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,950 ft³/s July 4, 1983, gage height, 11.00 ft; minimum, 0.46 ft³/s Aug. 1, 2, 4, 5, 11-14, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,340 ft³/s July 25, gage height, 8.36 ft; minimum daily, 0.89 ft³/s Oct. 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.3	2.3	3.8	4.6	7.5	6.6	4.4	4.8	4.5	16	2.0
2	1.1	1.3	2.4	3.5	4.5	6.5	6.2	20	4.1	12	10	2.0
3	1.0	1.3	83	3.2	4.8	5.9	11	17	3.7	5.0	5.6	1.9
4	1.1	1.4	42	3.0	6.2	5.7	42	19	3.4	2.2	4.2	2.0
5	1.4	1.4	5.3	2.8	4.9	34	10	4.2	3.4	2.0	3.3	2.0
6	.89	1.5	130	2.6	5.0	25	6.6	50	3.4	6.2	3.5	1.7
7	.92	1.6	9.3	2.5	4.6	9.8	5.9	15	3.3	2.1	3.4	1.7
8	7.3	1.7	6.6	2.5	4.6	7.2	5.5	7.8	3.1	1.8	3.3	1.7
9	5.0	2.9	5.2	2.4	4.6	6.5	6.2	4.3	2.9	1.8	3.1	1.7
10	.98	1.4	4.2	76	4.7	6.1	7.8	3.7	2.6	1.7	3.1	1.7
11	1.0	1.5	4.0	12	4.8	5.8	4.8	3.6	2.5	1.7	3.0	1.7
12	1.1	1.5	66	6.7	4.7	5.4	4.6	3.4	2.4	5.2	2.8	1.7
13	1.4	1.5	25	7.8	71	43	4.7	3.0	2.3	42	2.7	1.7
14	1.1	3.0	14	6.2	33	7.5	11	5.1	2.2	27	2.6	1.7
15	1.1	40	10	5.3	8.5	5.6	5.0	3.1	2.1	2.7	2.7	1.7
16	1.1	2.7	5.0	5.5	6.7	6.7	4.0	2.5	2.0	5.4	5.5	1.7
17	1.1	1.7	4.0	5.5	5.1	6.0	4.2	2.5	1.9	9.5	3.0	1.6
18	1.1	1.6	3.1	58	5.6	5.6	4.1	2.7	1.8	85	2.6	1.5
19	1.2	1.6	3.3	25	5.5	5.8	7.6	2.8	1.8	5.1	85	1.5
20	1.2	35	3.4	8.5	5.2	51	21	2.7	1.7	21	15	1.4
21	1.3	2.6	3.5	7.0	5.1	14	4.6	2.7	20	8.3	4.0	1.5
22	1.3	2.2	3.9	5.9	23	6.3	36	2.5	7.0	3.6	3.1	1.4
23	66	2.1	4.2	5.4	59	5.6	24	126	3.0	2.9	15	1.4
24	1.9	40	3.8	14	8.4	5.4	5.5	18	2.1	2.8	3.1	1.4
25	1.3	10	3.4	8.0	6.6	70	4.5	4.2	1.9	147	2.5	1.3
26	1.1	2.7	3.2	5.6	5.9	9.8	4.2	3.7	1.9	19	2.5	1.3
27	1.1	2.6	2.9	28	106	7.3	11	12	1.8	7.9	2.6	1.3
28	1.1	12	3.4	7.0	16	96	4.2	137	1.7	69	2.2	1.4
29	1.3	2.9	3.9	6.0	9.4	18	3.5	52	13	25	2.2	1.5
30	1.3	2.5	4.2	6.9	—	9.0	4.4	11	6.5	8.0	2.2	9.8
31	1.3	—	4.1	5.0	—	7.1	—	5.9	—	5.7	2.1	—
TOTAL	111.29	185.5	469.6	341.6	439.0	505.1	280.7	551.8	114.3	543.1	222.4	56.9
MEAN	3.59	6.18	15.1	11.0	15.1	16.3	9.36	17.8	3.81	17.5	7.17	1.90
MAX	66	40	130	76	106	96	42	137	20	147	85	9.8
MIN	.89	1.3	2.3	2.4	4.5	5.4	3.5	2.5	1.7	1.7	2.1	1.3

CAL YR 1983	TOTAL	3694.24	MEAN	10.1	MAX	301	MIN	.88
WTR YR 1984	TOTAL	3821.29	MEAN	10.4	MAX	147	MIN	.89

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°07'12", long 82°32'16", Greenville County, Hydrologic Unit 03050109, at Road 41 bridge, 3.9 mi north of Cleveland, and 5.0 mi east of Caesars Head.

DRAINAGE AREA.--21.0 mi².

PERIOD OF RECORD.--October 1980 to current year, discharge below 1300 ft³/s only.

GAGE.--Water-stage recorder. Elevation of gage is 1,078 ft (from topographic map).

REMARKS.--Records good, except those for period of no gage-height record, Dec. 25 to Jan. 25, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.71 ft during period Jan. 21 - Feb. 2, 1983 (from indicator); minimum daily discharge, 10 ft³/s, Oct. 3, 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,210 ft³/s, May 3, gage height, 5.07 ft; minimum daily discharge, 16 ft³/s, Oct. 7-10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	22	58	72	57	80	51	88	60	65	122	39
2	18	22	50	67	56	76	50	91	58	58	131	37
3	17	22	130	64	56	72	56	412	55	54	100	37
4	17	22	332	62	55	69	224	241	57	50	85	37
5	21	21	115	59	52	89	128	149	56	55	76	35
6	18	20	184	56	51	81	90	165	54	63	71	35
7	16	20	121	54	48	80	79	192	52	55	66	34
8	16	20	97	52	47	73	73	292	50	48	63	33
9	16	20	84	50	47	68	131	182	49	45	60	33
10	16	27	530	66	48	64	142	151	47	43	60	32
11	21	23	488	80	49	61	109	136	47	42	68	32
12	75	20	189	70	48	58	97	124	48	44	92	31
13	52	20	119	60	282	73	93	115	78	60	88	30
14	37	20	105	56	360	59	89	109	63	51	75	29
15	27	56	92	54	130	55	87	101	53	59	66	29
16	24	35	82	52	130	53	86	95	54	78	69	28
17	22	28	76	50	100	50	84	92	53	72	62	30
18	21	25	72	70	90	50	84	88	47	190	61	30
19	20	25	69	80	90	46	84	85	44	85	59	27
20	20	49	65	63	78	68	86	82	58	71	53	25
21	20	39	90	58	73	81	82	79	79	66	51	25
22	21	32	112	54	70	58	127	77	198	61	50	24
23	98	29	86	50	90	51	151	75	93	55	49	25
24	49	171	70	130	80	48	105	71	72	62	47	25
25	34	113	60	94	70	54	96	70	61	69	46	27
26	29	65	55	83	72	45	89	68	53	55	46	23
27	26	52	60	75	126	46	91	70	49	61	46	23
28	25	191	130	70	109	141	85	74	51	76	45	24
29	24	93	120	66	90	95	82	78	70	87	46	24
30	23	68	100	62	---	68	95	64	75	142	44	28
31	23	---	75	59	---	58	---	62	---	115	42	---
TOTAL	864	1370	4006	2038	2694	2070	2926	3778	1884	2137	2039	891
MEAN	27.9	45.7	129	65.7	92.9	66.8	97.5	122	62.8	68.9	65.8	29.7
MAX	98	191	530	130	360	141	224	412	198	190	131	39
MIN	16	20	50	50	47	45	50	62	44	42	42	23

CAL YR 1983	TOTAL	26059	MEAN	71.4	MAX	530	MIN	15
WTR YR 1984	TOTAL	26697	MEAN	72.9	MAX	530	MIN	16

02162525 HAMILTON CREEK NEAR EASLEY, SC

LOCATION.--Lat 34°50'10", long 82°33'39", Pickens County, Hydrologic Unit 03050109, on Route 135, 4.6 mi northeast of Easley and 0.6 mi upstream of Georges Creek.

DRAINAGE AREA.--1.60 mi².

PERIOD OF RECORD.--February 1981 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 890 ft (from topographic map).

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height, 5.11 ft May 20, 1982; minimum daily, 0.54 ft³/s Oct. 7, 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined; gage height, 4.35 ft; minimum daily, 0.97 ft³/s Oct. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.99	1.5	3.1	3.4	2.9	5.1	4.4	3.5	4.3	5.6	10	2.6
2	.99	1.6	4.2	3.2	2.7	4.8	4.2	4.2	3.6	5.2	6.2	2.6
3	.98	1.7	10	3.0	2.6	4.8	5.0	52	3.1	4.3	4.7	2.7
4	.97	1.5	55	2.8	2.6	5.2	6.5	11	2.9	3.9	4.4	2.7
5	.99	1.3	35	2.7	2.5	7.1	7.6	6.2	2.8	3.3	4.4	2.5
6	.98	1.8	75	2.7	2.4	5.8	6.7	16	2.7	3.3	4.2	2.6
7	.98	1.8	60	2.6	2.4	5.0	6.0	13	2.7	3.3	4.5	2.7
8	.99	1.9	45	2.5	2.3	4.5	7.4	31	2.6	3.2	4.7	2.7
9	.99	1.9	23	4.0	2.4	4.3	22	13	2.5	3.0	6.0	2.7
10	.99	2.0	17	6.3	2.4	4.2	15	5.8	2.4	3.0	5.6	2.5
11	1.1	2.0	52	5.0	2.5	4.8	6.6	5.0	2.4	2.7	5.5	2.5
12	2.5	2.1	70	4.4	4.0	5.7	6.0	4.6	2.5	3.5	6.6	2.5
13	1.4	2.2	11	4.1	31	6.3	5.3	4.4	3.0	3.5	8.0	2.5
14	1.3	2.2	4.5	4.0	26	5.7	4.8	4.1	6.0	3.4	20	2.5
15	1.3	3.3	3.5	3.8	7.4	5.2	4.5	3.9	10	3.0	9.0	2.4
16	1.3	2.0	3.4	3.7	5.8	5.0	4.2	3.8	15	3.2	15	2.4
17	1.3	1.8	3.3	4.2	5.1	4.7	4.0	3.7	12	15	17	2.5
18	1.2	1.7	2.8	6.3	4.7	4.6	3.8	3.5	8.6	20	16	2.6
19	1.1	2.0	2.9	5.6	4.3	5.6	3.9	3.3	7.6	4.5	8.0	2.6
20	1.2	2.4	3.4	4.7	4.0	6.0	4.2	3.2	7.5	3.9	15	2.5
21	1.3	2.1	4.6	4.4	3.9	5.6	3.8	3.2	7.9	3.8	27	2.5
22	1.3	1.8	5.3	4.1	3.8	5.0	4.5	3.1	15	3.8	20	2.5
23	1.7	2.3	4.5	4.5	4.2	4.7	4.3	3.0	5.9	3.7	4.3	2.5
24	1.3	22	3.6	6.7	3.9	4.8	3.8	2.9	4.5	3.5	3.9	2.4
25	1.3	4.6	3.4	5.1	3.6	4.6	3.6	2.8	3.6	3.6	3.5	2.3
26	1.4	3.9	3.4	4.7	7.0	4.4	3.6	2.8	3.2	3.9	3.5	2.2
27	1.4	3.3	4.3	4.3	25	5.0	4.0	2.8	2.9	4.6	3.4	2.3
28	1.4	4.9	6.3	3.8	5.6	27	3.7	8.0	3.2	30	3.4	2.4
29	1.4	4.2	4.5	3.6	5.8	20	3.5	7.0	10	10	4.2	2.4
30	1.5	3.6	3.9	3.3	—	6.0	3.9	4.6	12	10	2.8	3.1
31	1.6	—	3.6	3.2	—	5.0	—	5.7	—	6.5	3.1	—
TOTAL	39.15	92.2	531.5	126.7	182.8	196.5	170.7	241.1	172.4	185.2	253.9	75.9
MEAN	1.26	3.07	17.1	4.09	6.30	6.34	5.69	7.78	5.75	5.97	8.19	2.53
MAX	2.5	22	75	6.7	31	27	22	52	15	30	27	3.1
MIN	.97	1.5	2.8	2.5	2.3	4.2	3.5	2.8	2.4	2.7	2.8	2.2

CAL YR 1983 TOTAL 1328.94 MEAN 3.64 MAX 75 MIN .95
WTR YR 1984 TOTAL 2268.05 MEAN 6.20 MAX 75 MIN .97

02163500 SALUDA RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°23'12", long 82°13'20", Greenwood County, Hydrologic Unit 03050109, on right bank 2.0 mi southeast of Ware Shoals, 2.5 mi downstream from Ware Shoals Dam, 5.0 mi upstream from Turkey Creek, and at mile 83.7.

DRAINAGE AREA.--581 mi².

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Elevation of gage is 448 ft (by barometer).

REMARKS.--Records fair, except periods of missing record gage height record Dec. 25 to Jan. 24, Feb. 7 to Mar. 9, and Apr. 25 to June 8, which are poor. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff. About 43,989,286 gal per day or 68.1 ft³/s diverted above station for City of Greenville water supply during water year. City of Greenville began diverting water from Saluda River (Table Rock Reservoir) in 1930; supplemented by North Saluda Reservoir in 1961. Sewage effluent discharged into Reedy River near Greenville.

AVERAGE DISCHARGE.--46 years, 1,026 ft³/s, 23.98 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,700 ft³/s Sept. 14, 1973, gage height, 22.85 ft, from rating curve extended above 14,000 ft³/s on basis of computation of peak flow over dam; minimum, 3.0 ft³/s Sept. 18, 1939; minimum daily, 11 ft³/s Oct. 12, 19, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 5,000 and maximum (*).

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Dec. 6	1700	*8,910	*14.31	May 8	unknown	unknown	unknown
Feb. 15	unknown	unknown	unknown	July 29	1930	5,280	10.55

Minimum daily, 288 ft³/s, Oct. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	413	546	1300	1200	844	2000	1640	1300	900	1250	2050	831
2	375	731	1070	1100	820	1200	1490	1400	840	1170	2170	639
3	371	656	918	1050	860	1400	1480	2300	800	939	2160	631
4	388	384	4020	1000	871	1200	1480	3000	780	919	1680	733
5	416	427	4320	980	837	2000	1650	3500	760	988	1330	721
6	626	406	6230	940	837	3500	2290	1800	740	927	1330	739
7	364	430	5970	900	700	2500	1890	2100	720	932	1250	671
8	294	450	2930	870	600	2000	1550	5400	720	883	736	611
9	288	606	2130	840	640	1500	1490	2600	766	852	820	593
10	301	410	1650	2700	660	1250	2090	2000	765	870	1060	595
11	359	300	1550	2300	680	1250	2440	1500	781	781	1490	653
12	467	320	3600	1500	700	1290	2000	1300	836	666	1250	543
13	569	387	3330	1300	1000	1410	1780	1200	832	711	1470	512
14	750	440	2330	1150	4000	1490	1420	1100	859	1650	1290	551
15	673	605	1930	1100	5600	1400	1370	1050	795	1430	1430	570
16	536	717	1590	1050	2500	1220	1500	1000	812	1130	1120	499
17	519	784	1380	1000	1800	1130	1280	980	939	1400	1340	511
18	540	699	1110	950	1500	1030	1250	960	1070	1890	1110	546
19	492	591	1170	2100	1300	1310	1160	940	871	2290	975	534
20	364	528	1150	1500	1200	1070	1340	920	661	1780	1290	496
21	346	443	881	1300	1100	1270	1230	900	723	1360	1350	352
22	441	938	1170	1200	1100	1540	1330	900	930	1230	987	575
23	428	737	1770	1100	2500	1520	1710	1000	1310	1060	1050	397
24	625	664	1660	913	3000	1090	2360	2000	1820	1040	917	490
25	369	1560	1460	1320	2000	1140	1500	1200	1240	989	709	551
26	303	2060	1150	1880	1500	1190	1300	1000	1070	883	713	494
27	549	1460	1100	1420	2500	1200	1200	900	871	1020	725	564
28	503	1330	2300	1080	4000	1680	1400	1000	996	1130	959	399
29	396	1300	1900	1010	3000	4000	1400	1500	1090	3470	915	497
30	359	1300	1600	1020	---	2580	1200	1300	1900	3050	554	414
31	535	---	1300	924	---	1910	---	1000	---	2190	368	---
TOTAL	14959	22109	65969	38697	48649	50670	47220	49050	28099	40880	36988	16965
MEAN	483	737	2128	1248	1678	1635	1574	1582	937	1319	1193	566
MAX	869	2060	6230	2700	5600	4000	2440	5400	1900	3470	2170	831
MIN	288	300	881	840	600	1030	1160	900	661	666	554	352

CAL YR 1983	TOTAL	394575	MEAN	1081	MAX	6230	MIN 251
WTR YR 1984	TOTAL	460255	MEAN	1258	MAX	6230	MIN 288

02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02", long 82°09'10", Laurens County, Hydrologic Unit 03050109, on downstream side of Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 8.7.

DRAINAGE AREA.--236 mi².

PERIOD OF RECORD.--March 1939 to current year.

REVISED RECORDS.--WSP 892: 1939. WSP 922: Drainage area. WSP 1723: 1940, 1943, 1948-49, 1952(M). WSP 1904: 1940, 1943, 1946, 1949, 1952. WDR-SC-77-1: Drainage area. WDR-SC-78-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 453.86 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, at site 4.1 mi upstream at datum 26.76 ft higher.

REMARKS.--Records fair. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by City of Greenville above station 02163500.

AVERAGE DISCHARGE.--45 years, 355 ft³/s, 20.43 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft³/s Sept. 14, 1973, gage height 15.40 ft; minimum, 2.7 ft³/s July 6, 1967, gage height 0.42 ft; minimum daily, 4.8 ft³/s Sept. 9, 1973.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 2,500 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Dec. 7	2030	*4,370	*12.55	Mar. 29	2200	2,920	9.88
Feb. 15	0300	3,900	11.73	May 8	1000	3,340	10.36

Minimum daily, 17 ft³/s Nov. 11 and June 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	157	122	309	420	242	700	597	435	303	1200	814	250
2	139	214	292	380	240	344	498	475	294	459	907	240
3	135	173	366	350	242	465	462	965	283	406	923	237
4	131	177	1740	320	265	421	503	1460	271	307	522	290
5	142	176	2350	300	276	940	557	1740	260	259	425	263
6	157	178	2430	290	251	1770	480	829	259	342	372	244
7	146	167	3280	280	242	1250	408	1040	253	308	348	238
8	140	164	2230	270	210	956	373	2750	246	266	306	235
9	136	124	844	260	231	637	389	1330	243	242	297	233
10	134	20	560	320	237	518	850	836	237	231	376	231
11	135	17	571	500	244	461	1040	573	235	227	675	229
12	175	25	1450	900	246	428	578	479	232	223	523	227
13	335	29	1810	600	504	465	472	434	228	218	810	225
14	344	31	908	450	1990	751	430	403	225	289	770	224
15	264	37	564	350	3200	541	405	381	607	1100	711	221
16	167	39	434	300	1070	447	386	360	1060	516	498	219
17	169	402	373	400	612	414	356	343	299	422	493	212
18	158	271	320	600	470	393	344	332	320	440	385	219
19	161	230	291	800	410	381	341	324	234	1390	321	165
20	160	222	267	450	372	380	382	316	211	682	426	21
21	161	246	249	490	342	475	456	307	228	417	884	20
22	163	271	401	330	355	667	463	307	177	393	475	43
23	179	222	758	300	883	437	665	351	18	430	351	133
24	349	300	391	280	1090	389	955	786	17	304	313	154
25	283	1050	350	382	646	416	518	415	21	260	290	196
26	205	997	310	355	463	447	435	350	174	243	292	252
27	136	412	290	297	1120	379	397	317	236	279	298	240
28	177	324	350	282	1980	720	489	384	248	439	277	235
29	173	553	500	265	1280	2210	477	584	256	1300	261	26
30	169	402	700	254	---	1830	404	477	934	1630	277	116
31	164	---	480	246	---	803	---	348	---	1210	273	---
TOTAL	5714	7600	26068	12021	19713	21535	15110	20431	3609	16432	14863	5803
MEAN	134	253	341	388	680	695	504	659	237	530	479	194
MAX	349	1050	3280	900	3200	2210	1040	2750	1060	1630	923	290
MIN	131	17	249	246	210	379	341	307	17	218	261	20

CAL YR 1983	TOTAL	139087	MEAN	381	MAX	3280	MIN	15
WTR YR 1984	TOTAL	173904	MEAN	475	MAX	3280	MIN	17

AVAILABLE

02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC

LOCATION.--Lat 34°10'08", long 81°54'30", Newberry County, Hydrologic Unit 03050109, at left upstream end of dam on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE AREA.--1,170 mi², revised.

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft³ between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) NGVD. Dead storage is about 3,500,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1-1/2 ft flashboards on top of spillway gages is 441.5 ft NGVD. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 442.02 ft Mar. 5, 1952; minimum elevation since normal reservoir level was first reached, 424.42 ft Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 440.42 ft Dec. 6; minimum, 434.45 ft Feb. 26.

Capacity table (elevation, in feet) and usable contents
(in billions of cubic feet)
(prepared from capacity curve drawn by D. T. Duncan, Engineer)

431.0 ft	3.70 ft³
433.0 ft	4.51 ft³
436.0 ft	5.82 ft³
439.0 ft	7.18 ft³
442.0 ft	8.56 ft³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438.55	438.49	438.45	437.06	435.65	435.79	436.67	438.18	439.03	439.02	439.40	439.01
2	438.50	438.50	438.49	436.91	435.63	435.36	436.42	438.17	439.01	439.07	439.32	438.99
3	438.48	438.55	438.43	436.86	435.59	434.88	436.44	438.63	439.01	439.00	439.17	439.03
4	438.49	438.48	438.97	436.81	435.61	434.78	436.53	439.51	439.01	439.01	438.92	438.95
5	438.48	438.46	439.75	436.83	435.64	435.43	436.64	440.05	439.01	439.04	439.02	438.92
6	438.47	438.51	440.12	436.74	435.39	436.67	436.73	439.93	439.01	439.01	439.00	438.91
7	438.48	438.47	440.13	436.73	435.46	437.07	436.75	440.04	439.01	439.00	439.00	438.91
8	438.48	438.49	439.98	436.71	435.36	437.07	436.81	440.05	438.98	439.01	439.00	438.95
9	438.48	438.50	439.76	436.57	435.36	436.68	436.79	439.95	438.99	439.00	439.00	438.86
10	438.43	438.52	439.39	437.53	435.38	436.21	436.84	439.89	439.00	439.00	439.00	438.89
11	438.50	438.45	439.04	438.22	435.26	435.72	436.96	439.64	438.99	439.01	439.00	438.91
12	438.51	438.44	439.41	438.14	435.31	435.16	437.03	439.32	439.00	438.97	439.00	438.82
13	438.45	438.45	439.72	437.75	435.45	435.32	437.07	438.99	439.02	438.96	439.00	438.80
13	438.45	438.45	439.72	437.75	435.45	435.32	437.07	438.99	439.02	438.96	439.00	438.80
14	438.50	438.48	439.55	437.26	436.87	435.33	437.12	439.01	439.01	439.25	439.00	438.79
15	438.57	438.45	439.20	436.67	437.92	435.45	437.23	439.00	439.02	439.14	439.00	438.74
16	438.46	438.47	438.76	436.34	438.00	435.44	437.27	439.00	439.02	439.03	439.22	438.76
17	438.44	438.40	438.23	436.25	437.74	435.53	437.36	439.03	439.00	438.97	439.02	438.71
18	438.51	438.51	437.75	436.39	437.32	435.53	437.38	439.01	439.03	439.03	439.00	438.69
19	438.51	438.51	437.56	436.63	436.82	435.58	437.43	439.06	439.00	439.10	439.00	438.69
20	438.49	438.57	437.53	436.58	436.32	435.76	437.48	438.99	438.98	439.00	439.02	438.67
21	438.48	438.50	437.50	436.20	435.74	435.71	437.56	439.02	438.97	439.03	439.02	438.68
22	438.50	438.48	437.44	436.12	435.30	435.78	437.64	439.00	438.98	439.00	439.01	438.68
23	438.45	438.51	437.48	436.06	435.44	435.80	437.66	439.03	439.04	439.00	439.03	438.65
24	438.55	438.42	437.34	435.99	435.32	435.87	437.77	439.04	439.02	439.00	438.97	438.62
25	438.52	438.47	437.33	435.93	434.98	435.91	437.80	439.00	439.00	439.00	438.99	438.63
26	438.50	438.41	437.30	435.93	434.45	436.00	437.38	439.09	438.99	439.00	439.02	438.56
27	438.49	438.51	437.27	435.86	435.24	436.08	437.99	439.00	439.01	439.00	439.01	435.55
28	438.48	438.42	437.16	435.83	435.99	436.33	437.98	439.03	439.01	439.03	439.00	435.55
29	438.50	438.45	437.25	435.75	436.09	436.96	438.05	438.99	439.00	439.45	439.02	438.50
30	438.51	438.46	437.05	435.74	---	437.25	438.09	438.99	439.06	439.78	438.99	438.61
31	438.54	---	437.00	435.72	---	437.02	---	439.02	---	439.65	439.01	---
MAX	438.57	438.57	440.13	438.22	438.00	437.25	438.09	440.05	439.06	439.78	439.40	439.03
MIN	438.44	438.40	437.00	435.72	434.45	434.78	436.42	438.17	438.97	438.96	438.92	435.55
(+)	6.97	6.93	6.27	5.70	5.86	6.28	6.76	6.73	6.75	7.02	7.18	7.00
(*)	0	-15	-246	-213	64	157	185	-11	8	101	60	-69

CAL YR 1983 * -1 MAX 440.13 MIN 432.00
WTR YR 1984 * 1 MAX 440.13 MIN 434.45

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

LOCATION.--Lat 34°07'57", long 81°59'48", Greenwood County, Hydrologic Unit 03050109, at downstream side of bridge on State Road 288, 3.3 mi southeast of Ninety-Six and 10.1 mi southeast of Greenwood.

DRAINAGE AREA.--17.4 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 425 ft.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,100 ft³/s Apr. 9, 1983, gage height, 10.28 ft; minimum daily, 0.08 ft³/s Oct. 3-6, 9, 10, 20, 21, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 953 ft³/s Dec. 6, gage height 9.77 ft; minimum daily, 0.08 ft³/s Oct. 3-6, 9, 10, 20, 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.10	.41	3.6	8.7	12	25	14	12	3.1	1.1	11	1.3
2	.09	.12	3.0	7.6	12	19	12	25	2.9	1.2	17	1.3
3	.08	.15	240	7.4	13	16	32	454	2.5	1.1	32	1.2
4	.08	.24	224	6.8	42	14	33	408	2.3	1.1	6.7	2.1
5	.08	.39	23	6.6	26	75	28	41	2.2	.96	4.0	1.8
6	.08	.48	615	6.1	18	250	15	17	2.1	.99	3.2	1.4
7	.10	.56	120	5.7	14	91	12	24	2.1	.87	2.8	1.3
8	.09	.35	15	5.2	12	31	11	13	2.0	.84	2.5	1.3
9	.08	.23	9.8	5.0	12	20	18	9.8	1.9	.79	2.2	1.2
10	.08	.34	7.7	269	12	16	128	8.3	1.9	.73	2.1	1.3
11	.10	.54	7.5	511	12	15	29	7.3	1.8	.71	2.1	1.2
12	.13	.58	41	48	11	13	16	6.6	1.7	.70	2.1	1.2
13	.15	.62	15	25	203	72	13	5.9	1.6	.74	2.2	1.2
14	.13	.71	10	21	478	32	12	5.5	1.5	1.0	2.2	1.1
15	.12	2.8	7.7	18	60	19	9.9	4.9	1.4	1.2	2.0	1.1
16	.11	2.4	6.0	16	24	15	9.1	4.5	1.3	1.8	3.2	1.1
17	.10	.85	5.4	14	18	13	8.5	4.4	1.3	3.3	8.1	1.1
18	.10	.49	4.8	75	14	12	8.1	4.1	1.3	2.8	2.7	1.2
19	.09	.36	4.7	414	13	12	8.2	4.0	1.2	8.1	2.2	1.2
20	.08	.58	4.4	50	12	21	33	3.8	1.1	2.4	2.1	1.2
21	.08	1.5	4.2	25	11	139	28	3.5	1.1	2.1	1.9	1.2
22	.10	.68	33	19	10	25	25	3.3	1.2	2.6	1.9	1.2
23	.30	.54	24	16	391	16	60	4.0	1.2	2.0	1.8	1.2
24	.49	15	12	19	66	13	20	3.8	1.2	1.8	1.8	1.2
25	.20	32	8.2	26	24	24	12	3.1	1.1	1.6	1.7	1.2
26	.15	6.0	7.9	20	17	18	8.9	3.0	1.1	9.6	1.6	1.2
27	.14	3.8	6.8	41	420	14	9.1	2.9	.96	12	1.9	1.2
28	.14	12	41	26	267	132	12	10	.94	13	1.9	1.2
29	.23	10	36	18	55	102	9.5	7.0	1.2	204	1.6	1.2
30	.32	4.9	17	15	—	27	9.1	4.7	1.3	21	1.6	1.4
31	.40	—	10	14	—	17	—	3.7	—	7.5	1.5	—
TOTAL	4.52	99.62	1567.7	1759.1	2279	1308	643.4	1112.1	48.50	309.53	131.4	38.0
MEAN	.15	3.32	50.6	56.7	78.6	42.2	21.4	35.9	1.62	9.98	4.24	1.27
MAX	.49	32	615	511	478	250	128	454	3.1	204	32	2.1
MIN	.08	.12	3.0	5.0	10	12	8.1	2.9	.94	.70	1.5	1.1

CAL YR 1983	TOTAL	9745.02	MEAN	26.7	MAX	663	MIN	.08
WTR YR 1984	TOTAL	9300.37	MEAN	25.4	MAX	615	MIN	.08

02167000 SALUDA RIVER AT CHAPPELLS, SC

LOCATION.--Lat 34°10'40", long 81°51'40", Newberry County, Hydrologic Unit 03050109, on left bank on downstream side of bridge on State Highway 39 at Chappells, 6.7 mi downstream from dam at Lake Greenwood, 9.8 mi upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,360 mi².

PERIOD OF RECORD.--October 1926 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at practically same site since 1905 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 362.89 ft above National Geodetic Vertical Datum of 1929. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above mean sea level. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.39 ft above mean sea level.

REMARKS.--Records fair. Flow regulated by Lake Greenwood (see sta. 02166500).

AVERAGE DISCHARGE.--58 years, 1,969 ft³/s, 19.69 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63,700 ft³/s, Oct. 2, 1929, gage height 32.5 ft, present datum, from rating curve extended above 27,000 ft³/s on basis of velocity-area studies; minimum, 8 ft³/s Oct. 29, 1939, caused by construction work above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Aug. 26, 1908 reached a stage of 36.7 ft (present site and datum), from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 20,200 ft³/s Dec. 7, gage height, 22.60 ft; minimum 34 ft³/s Oct. 10; minimum daily, 192 ft³/s Oct. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	627	912	1990	2100	2250	4850	4600	2290	1490	3090	4540	1060
2	671	780	1710	2360	1350	4650	4060	2680	1420	1690	4610	1070
3	576	566	2780	1810	1750	4590	1160	4370	1010	1950	4760	802
4	422	853	5380	1990	2510	3110	3190	5920	1620	786	4210	1560
5	539	579	5200	1740	1760	2260	2780	5550	1230	1440	1220	1260
6	637	540	9780	1780	2090	4210	2690	5490	1210	1040	1690	1350
7	553	706	19300	1780	1420	4890	2650	4810	891	1690	1980	1130
8	326	544	11400	1570	1750	3970	2100	7050	1280	1070	1370	371
9	363	604	5790	1880	1630	4660	2590	6760	1030	956	1080	1350
10	192	597	4720	2330	1770	4600	3850	4810	1030	1030	1140	910
11	513	625	4580	7250	1790	4560	3970	4600	1010	1140	1370	794
12	669	338	4910	6710	1250	4540	3500	4590	1090	964	1530	764
13	896	352	4980	5100	2640	3230	2360	4520	1050	848	2330	1460
14	1010	341	4790	4720	6420	2400	2340	2540	961	810	2050	720
15	650	1350	4650	4630	5950	2110	2030	2210	1250	2510	2020	1080
16	1170	1040	4600	3880	5040	2180	1850	2000	1640	3210	1620	617
17	792	1510	4570	2130	4710	2080	1940	2080	1370	1400	3770	725
18	359	289	4550	2610	4620	1590	1740	1930	1380	2620	2170	691
19	531	550	2780	4210	4580	2250	1700	1930	1290	3510	1570	901
20	652	1230	2060	3740	4550	1750	2550	1540	1100	3960	1680	563
21	482	899	1860	3500	4520	2420	1950	1910	871	1220	1930	548
22	436	890	2040	4100	4500	2270	2950	1900	1260	2320	2270	439
23	1200	1260	3180	2000	5220	1940	4680	2130	1370	1260	1170	811
24	547	2070	3350	1700	5700	1900	3910	1760	1930	1500	1440	683
25	1250	3420	2500	2360	5080	1680	3780	2070	1070	1410	1100	353
26	1110	3100	1730	3260	4650	1680	2110	1760	1280	1300	1000	956
27	822	1740	1640	2780	4410	1640	2320	1590	394	1270	1070	467
28	698	2260	2550	2980	6450	3240	2080	3000	362	1610	1190	944
29	360	1690	3460	2000	5690	5240	2060	3020	1300	3690	1390	706
30	378	1370	4670	1930	---	5050	2150	2150	1310	4740	1190	355
31	487	---	2530	2010	---	4710	---	1690	---	4660	1060	---
TOTAL	19923	33004	140020	92940	106050	100250	81640	100650	36499	60694	62020	25940
MEAN	643	1100	4517	2998	3657	3234	2721	3247	1217	1958	2001	865
MAX	1250	3420	19300	7250	6450	5240	4680	7050	1930	4740	4760	1560
MIN	192	289	1640	1570	1250	1590	1160	1540	362	786	1000	355

CAL YR 1983 TOTAL 749056 MEAN 2052 MAX 19300 MIN 192
WTR YR 1984 TOTAL 859630 MEAN 2349 MAX 19300 MIN 192

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07", long 81°13'15", Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.0 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi², approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.64 ft below National Geodetic Vertical Datum of 1929. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 70,300,000,000 ft³ between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 21,800,000,000 ft³. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gages 362 ft; gage height of other spillway crest, 340 ft with top of gages 365 ft. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft Apr. 10, 1936; minimum gage height since generation of power was started 320.96 ft Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 359.02 ft May 29; minimum gage height, 349.90 ft Nov. 2-4.

Capacity table (gage height, in feet),
and usable contents (in billions of cubic feet)
(Prepared by Lexington Water Power Co. from topographic map, contour survey,
and study of change in reservoir elevation due to inflow)

350 ft	50.77 ft³
352 ft	54.30 ft³
356 ft	61.91 ft³
358 ft	66.00 ft³
360 ft	70.30 ft³

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	351.55	349.93	351.48	353.54	354.75	357.07	357.14	358.17	358.75	358.22	357.59	355.76
2	351.52	349.90	351.59	353.59	354.53	356.99	357.17	358.38	358.79	358.22	357.52	355.66
3	351.27	349.90	351.91	353.23	354.36	356.94	357.01	358.77	358.74	358.39	357.54	355.47
4	350.91	349.91	352.39	352.91	354.29	356.91	356.90	358.72	358.57	358.28	357.69	355.10
5	350.64	349.92	352.69	353.83	354.39	356.68	356.93	358.78	358.43	357.99	357.73	355.09
6	350.64	349.92	353.66	352.86	354.09	356.61	356.95	358.36	358.23	358.04	357.39	355.04
7	350.63	349.92	354.33	352.86	353.76	356.45	357.04	358.21	358.06	357.89	357.15	355.03
8	350.62	349.94	354.75	352.36	353.35	356.37	357.12	358.47	357.99	357.96	356.88	355.00
9	350.62	349.96	354.85	352.88	353.17	356.15	356.81	358.36	357.98	357.99	356.53	355.02
10	350.62	350.02	354.91	353.42	352.97	356.11	356.47	358.42	358.00	358.01	356.41	355.11
11	350.61	350.00	355.03	354.13	353.03	356.23	356.51	358.55	357.82	357.83	356.48	355.10
12	350.34	349.99	354.76	354.39	353.14	356.19	356.57	358.71	357.70	357.90	356.52	354.85
13	350.34	349.98	354.49	354.61	354.15	356.28	356.67	358.89	357.60	357.88	356.56	354.38
14	350.34	349.94	354.25	354.85	354.58	356.13	356.82	358.64	357.58	358.02	356.61	354.62
15	350.34	350.08	354.01	355.08	354.70	356.09	356.91	358.60	357.58	358.03	356.61	354.63
16	350.34	350.23	353.83	355.16	354.89	356.10	356.96	358.56	357.60	358.18	356.73	354.57
17	350.36	350.23	353.87	354.81	355.10	356.12	357.02	358.55	357.62	358.05	356.83	354.50
18	350.37	350.23	359.94	354.82	355.30	356.22	357.02	358.57	357.67	356.16	356.91	354.39
19	350.25	350.21	353.69	355.15	355.52	356.23	357.01	358.63	357.71	358.36	356.98	354.28
20	350.05	350.29	353.58	355.25	355.68	356.28	357.10	358.63	357.66	358.25	357.06	354.15
21	350.02	350.29	353.36	355.40	355.66	356.31	357.21	358.48	357.69	358.00	357.09	354.13
22	349.94	350.30	353.26	355.43	355.83	356.29	357.41	358.55	357.75	358.22	357.18	354.12
23	349.98	350.41	353.37	355.14	355.70	356.13	357.88	358.66	357.70	357.83	357.13	354.13
24	349.98	350.69	353.34	355.03	355.76	356.17	358.05	358.71	357.82	357.50	357.14	353.36
25	349.97	350.88	353.32	355.06	355.86	356.35	357.88	358.78	357.88	357.14	357.15	353.77
26	350.00	351.02	353.28	355.14	356.15	356.31	357.88	358.80	357.89	357.22	357.13	353.77
27	350.00	351.17	352.99	355.25	356.88	356.23	357.97	358.83	357.95	357.06	356.99	353.70
28	350.02	351.29	353.10	355.35	356.94	356.49	358.04	358.95	357.98	357.26	356.64	353.73
29	350.02	351.41	353.34	355.43	357.08	356.68	358.17	358.77	357.97	357.45	356.34	353.76
30	350.00	351.48	353.42	355.29	---	356.77	358.15	358.70	358.08	357.53	356.06	353.36
31	349.96	---	353.46	355.00	---	356.95	---	358.69	---	357.64	355.75	---
MAX	351.55	351.48	359.94	355.43	357.08	357.07	358.17	358.95	358.79	358.39	357.73	355.76
MIN	349.94	349.90	351.48	352.36	352.97	356.09	356.47	358.17	357.58	357.06	355.75	353.70
(+)	50.70	53.37	57.00	59.94	64.09	63.83	66.32	67.47	66.17	65.25	61.41	57.75
(*)	-1,086	1,030	1,355	1,098	1,656	-97	961	429	-501	-343	-1,434	-1,412

CAL YR 1983 * -129 MAX 359.94 MIN 349.90
WTR YR 1984 * 131 MAX 359.94 MIN 349.90

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02169000 SALUDA RIVER NEAR COLUMBIA, SC

LOCATION.—Lat 34°00'50", long 81°05'17", Richland County, Hydrologic Unit 03050109, on left bank 0.4 mi upstream from site of Old Saluda Mill, 1.6 mi upstream from confluence with Broad River and 3.3 mi west of State Capital in Columbia, and at mile 1.67.

DRAINAGE AREA.—2,520 mi².

PERIOD OF RECORD.—August 1925 to current year.

GAGE.—Water-stage recorder. Datum of gage is 149.46 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

REMARKS.—Records good. Flow regulated by Lake Murray (see sta 02168500) and Lake Greenwood (see sta 02166500).

AVERAGE DISCHARGE.—59 years, 2,912 ft³/s, 15.69 in/yr.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 67,000 ft³/s Oct. 2, 1929, gage height, 15.22 ft, from rating curve extended 36,000 ft³/s on basis of discharge measurements made at Wise Ferry Bridge near Chapin; minimum, 11 ft³/s July 13, 1930; minimum daily, 12 ft³/s July 13, 1930, caused by construction work above station.

EXTREMES FOR CURRENT YEAR.—Maximum discharge, 18,100 ft³/s Aug. 9, gage height, 8.03 ft; minimum, 274 ft³/s Nov. 18; minimum daily, 339 ft³/s Nov. 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1490	562	440	5000	8020	6240	1140	2670	573	698	8330	1370
2	1520	1670	435	5600	6610	8160	4740	1570	538	844	9750	3290
3	5060	486	804	6300	6300	7390	8100	3310	779	1420	7080	5160
4	7880	470	770	6200	5650	5390	8810	16200	6120	4200	2140	9230
5	6240	480	620	5800	1010	10200	6130	15200	4790	6900	917	1860
6	1680	479	1280	5000	8680	11800	3320	10700	5790	1460	9120	1530
7	900	453	6910	1350	9510	12200	1690	13500	5940	4890	8810	853
8	480	403	10200	1200	9680	11400	1010	3750	2550	601	7620	507
9	615	508	11600	3000	8710	9570	9870	9620	1380	499	9910	489
10	485	401	4650	7000	5330	6860	12900	6340	627	460	6740	491
11	482	401	5000	11000	1300	2690	6530	1780	5300	4950	1070	1130
12	5260	354	12000	12000	666	6760	3350	1160	3770	1490	673	3900
13	2170	351	12600	5000	878	6000	990	719	4030	736	2210	1800
14	840	597	11400	2000	1260	6740	764	9010	1460	2520	1660	5030
15	472	732	10300	5000	6020	4560	650	4530	806	2440	1940	1320
16	468	538	9560	7000	5980	3360	613	2090	618	1390	1070	469
17	468	398	5180	9000	2530	1800	2220	1520	516	4480	1360	952
18	480	339	3850	10200	888	820	1020	2030	511	2250	687	2910
19	2530	346	7160	12000	576	2630	2910	901	716	866	562	3260
20	4720	413	6710	10100	1220	2480	2650	780	1460	6500	716	3260
21	779	402	7750	4370	2520	3050	1290	5610	823	2730	712	2410
22	1400	521	4290	4230	6710	3850	1250	1600	538	3510	608	471
23	2290	460	845	9300	10800	5280	1230	848	520	9750	2350	462
24	1410	537	3120	6700	9710	1370	949	955	518	10900	1370	4270
25	1170	604	5820	3070	5590	1420	8150	612	517	10100	716	3180
26	759	535	2170	2590	1830	4060	3880	2540	513	3000	511	861
27	547	511	6430	2720	5180	4610	1850	1000	526	4870	5700	462
28	517	907	4500	1510	9740	3570	1250	1870	557	857	9850	461
29	484	502	4700	1020	5840	5500	866	10100	598	841	9070	463
30	475	450	5200	6770	—	5660	4410	5600	586	5210	7820	470
31	1440	—	1200	7840	—	1640	—	1690	—	3580	3440	---
TOTAL	55511	15810	167794	179870	148738	167060	104532	139805	53970	104942	129512	62321
MEAN	1791	527	5413	5802	5129	5389	3484	4510	1799	3385	4179	2077
MAX	7880	1670	12600	12000	10800	12200	12900	16200	6120	10900	9910	9230
MIN	468	339	435	1020	576	820	613	612	511	460	511	461

CAL YR 1983 TOTAL 1224634 MEAN 3355 MAX 18600 MIN 339
WTR YR 1984 TOTAL 1329865 MEAN 3634 MAX 16200 MIN 339

02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.—Lat 33°59'35", long 81°03'00", Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.3.

DRAINAGE AREA.—7,850 mi², approximately.

PERIOD OF RECORD.—October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.—Water-stage recorders. Datum of gage is 113.02 ft above National Geodetic Vertical Datum of 1929.

REMARKS.—Records good. Flow regulated by Lake Murray (see sta 02168500), and Lake Greenwood (see sta 02166500) on Saluda River and to some extent, at low and medium flow, by powerplants on Broad River. City of Columbia diverted about 58 ft³/s above station for municipal supply.

AVERAGE DISCHARGE.—45 years, 9,392 ft³/s, 16.24 in/yr.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 155,000 ft³/s Oct. 11, 1976, gage height, 29.74 ft; minimum, 588 ft³/s Jan. 19, 1942, gage height, 0.94 ft; minimum daily, 662 ft³/s Oct. 18, 1954.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.—Maximum flood since at least October 1891, discharge 364,000 ft³/s, Aug. 27, 1908, gage height, 39.8 ft, present datum, at site 1,000 ft upstream, from records of National Weather Service.

EXTREMES FOR CURRENT YEAR.—Maximum discharge, 70,300 ft³/s Feb. 16, gage height, 20.30 ft; minimum, 600 ft³/s, Sept. 27, gage height, 1.59 ft; minimum daily, 1,510 ft³/s Nov. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3460	2430	4170	12000	14000	37100	13800	9290	9180	5920	19700	5460
2	3490	3940	4870	6630	11900	28700	12700	9080	9500	6590	20400	5370
3	6310	2770	5270	13700	10900	20700	17700	14700	6370	7740	20500	7100
4	9060	1880	9150	15600	9700	12100	16300	34300	9070	12900	12200	9930
5	7750	1760	20900	9310	4670	12800	20600	39400	9460	7630	11500	4070
6	3970	1720	37200	6720	13300	30400	13700	33700	10000	5710	13700	4800
7	3000	2030	57200	6840	14000	48000	11600	48000	10600	9890	15300	4480
8	2600	4790	63500	7030	14200	47400	6780	33500	7510	6220	10500	3380
9	3290	3870	47000	6130	13500	23900	16400	37900	5670	5780	11000	2760
10	2690	1510	24600	7630	10500	20400	27400	38500	4930	4840	11300	3370
11	2640	2140	13500	32000	6760	10500	32200	19600	8760	8420	7610	4640
12	6060	1590	26000	58400	6450	11600	33500	16000	8460	5780	7140	6200
13	3770	2770	39500	39700	4760	11400	17600	10500	7000	5480	8580	5070
14	2190	3430	42200	19100	27900	17300	10100	14600	5290	7410	7720	6820
15	1740	3980	27600	7150	53400	21000	7400	16900	5150	7490	12600	4440
16	2880	5970	22100	9490	63700	9100	8460	8410	4430	6720	8790	1760
17	5410	2850	14900	14400	38600	7400	11500	7990	3530	12100	10500	2630
18	4200	2370	8680	16400	18400	6480	11600	8610	5800	10700	6370	5090
19	3830	4500	9020	26100	7450	10500	12400	7500	4690	12800	5920	5020
20	5680	2400	11700	32200	7560	13700	10400	7740	5880	16900	7100	5370
21	2220	3420	12400	25600	9300	11300	8330	12100	5680	16100	6240	4390
22	4050	5470	9470	14500	14900	10600	7810	10200	5450	9260	5740	2950
23	5510	1910	6500	15300	20100	10200	10300	7230	5840	14700	7150	2670
24	3910	4010	12700	14600	27700	6860	13800	8530	5840	15700	5780	5950
25	4430	6570	22700	9640	23600	8890	23800	10600	5770	14600	3840	3870
26	3850	7580	4820	10200	16700	13300	15500	13000	5720	8980	5120	1820
27	3510	11400	11500	11800	20500	12300	10900	8070	5750	9710	8390	1980
28	3460	6430	7910	9650	41100	11300	11000	6300	5340	6330	11600	3360
29	3430	6020	8720	8090	49700	28700	5020	19600	5980	7790	10800	3540
30	3430	5810	15000	13100	—	46000	11100	29000	5870	13100	11700	2750
31	4380	—	10100	14600	—	31700	—	19500	—	15600	12400	---
TOTAL	126200	117320	610880	493610	575250	591630	429700	560350	198520	298890	317190	131540
MEAN	4071	3911	19710	15920	19840	19080	14320	18080	6617	9642	10230	4385
MAX	9060	11400	63500	58400	63700	48000	33500	48000	10600	16900	20500	9930
MIN	1740	1510	4170	6130	4670	6480	5020	6300	3530	4840	3840	1760

CAL YR 1983 TOTAL 4018700 MEAN 11010 MAX 63500 MIN 1260
WTR YR 1984 TOTAL 4451080 MEAN 12160 MAX 63700 MIN 1510

02169570 GILLS CREEK AT COLUMBIA, SC

LOCATION.--Lat 33°59'22", long 80°58'28", Richland County, Hydrologic Unit 03050110, at upstream side of bridge on U.S. Highway 378 and 76 (Devine Street) at Columbia, 0.75 mi downstream from Lake Katherine, and at mile 7.7.

DRAINAGE AREA.--59.6 mi².

PERIOD OF RECORD.--Water years 1964-66 (annual maximum), September 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 137.38 ft above National Geodetic Vertical Datum of 1929. Apr. 1, 1964 to Aug. 6, 1966, crest-stage gage at same site and datum.

REMARKS.--Records good. Some possible interruption of natural flow by private lakes upstream.

AVERAGE DISCHARGE.--18 years, 76.9 ft³/s, 17.52 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,880 ft³/s Feb. 24, 1979, gage height, 8.66 ft; minimum daily, 1.6 ft³/s Aug. 1, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Dec. 6	2400	647	5.49	Mar. 28	2300	712	5.68
Dec. 12	1200	584	5.29	July 26	0200	*985	*6.31
Feb. 14	2100	631	5.44	Aug. 2	1900	913	6.17

Minimum daily, 6.7 ft³/s, Sept. 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	41	56	64	77	175	110	58	63	52	96	25
2	14	21	48	58	70	131	104	53	48	60	354	23
3	14	15	177	55	57	105	110	107	41	62	419	13
4	14	16	310	52	38	91	175	203	36	57	201	16
5	15	16	240	50	52	95	306	165	32	47	120	18
6	15	17	462	48	56	140	216	170	31	72	82	13
7	15	17	475	46	66	163	146	364	29	55	72	17
8	13	18	241	45	73	143	109	284	27	36	67	17
9	13	20	135	47	60	117	93	173	25	28	64	16
10	8.5	21	85	132	54	97	92	109	24	24	37	15
11	8.5	21	132	212	51	83	86	81	22	22	14	15
12	9.9	22	506	139	52	46	83	66	21	21	48	15
13	12	23	312	100	127	31	88	49	21	50	61	14
14	15	23	187	87	493	25	96	58	20	96	53	13
15	16	59	134	77	460	54	96	101	19	47	48	13
16	16	75	75	119	264	68	80	96	19	40	53	12
17	16	68	51	99	186	62	71	84	18	60	57	9.5
18	15	55	59	132	139	58	69	45	17	175	41	8.7
19	14	45	62	238	111	54	65	26	17	159	54	7.7
20	13	68	61	200	95	80	97	17	43	107	232	7.5
21	13	93	61	150	85	224	99	16	112	84	126	7.3
22	13	81	78	118	80	159	102	16	48	57	64	7.1
23	96	64	86	123	128	107	175	61	23	38	51	6.7
24	162	75	79	111	130	81	149	159	20	32	51	6.9
25	91	142	69	106	114	234	116	100	20	100	39	7.4
26	52	113	62	99	96	230	90	70	20	574	37	7.5
27	33	84	55	120	196	152	78	56	28	195	35	7.7
28	29	82	63	124	287	299	80	84	62	156	33	7.5
29	26	78	79	113	238	503	72	141	76	246	31	8.7
30	26	67	81	101	---	245	64	132	52	177	28	10
31	62	---	72	88	---	147	---	82	---	116	27	---
TOTAL	874.9	1540	4593	3253	3935	4199	3317	3226	1034	3045	2695	375.3
MEAN	28.2	51.3	148	105	136	135	111	104	34.5	98.2	86.9	12.5
MAX	162	142	506	238	493	503	306	364	112	574	419	25
MIN	8.5	15	48	45	38	25	64	16	17	21	14	6.7

CAL YR 1983 TOTAL 29355.0 MEAN 80.4 MAX 991 MIN 1.6
WTR YR 1984 TOTAL 32037.2 MEAN 87.7 MAX 574 MIN 6.7

02169630 BIG BEAVER CREEK NEAR ST. MATTHEWS, SC

LOCATION.--Lat 33°44'12", long 80°57'30", Calhoun County, Hydrologic Unit 03050110, on right downstream wingwall of bridge on U.S. Highway 21, 0.1 mi downstream from Rock Branch, 11.6 mi northwest of St. Matthews, and at mile 8.2.

DRAINAGE AREA.--10.0 mi^2.

PERIOD OF RECORD.--July 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 164.21 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--18 years, 14.0 ft^3/s, 19.01 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,360 ft^3/s July 29, 1971 from rating extended above 210 ft^3/s, gage height 6.66 ft; minimum daily, 4.5 ft^3/s May 25, 26, July 15, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 100 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 30	0345	*180	*4.34

Minimum daily, 7.9 ft^3/s Oct. 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.8	8.6	10	16	15	19	21	17	26	22	19	13
2	8.4	8.5	10	17	15	18	21	18	23	21	21	13
3	8.1	8.6	19	15	15	17	23	28	21	18	20	13
4	8.0	8.9	29	14	16	17	30	31	20	17	17	13
5	7.9	9.2	17	14	15	18	34	20	19	16	16	15
6	8.2	9.6	35	14	15	24	24	26	18	15	15	13
7	8.1	9.0	23	14	14	24	22	56	18	15	16	13
8	8.2	9.2	16	14	14	19	20	27	20	15	17	12
9	9.0	9.2	14	14	14	18	21	22	20	14	17	12
10	8.6	9.4	13	25	14	17	22	20	14	14	20	13
11	10	9.3	20	22	16	18	20	19	13	14	19	13
12	9.2	9.2	46	17	18	17	20	18	14	13	16	13
13	8.5	9.2	24	15	22	28	19	18	14	14	15	12
14	8.3	11	20	15	46	22	20	17	15	14	14	12
15	8.2	20	18	15	24	20	21	16	15	15	14	12
16	8.2	16	16	15	19	18	19	16	14	14	13	11
17	8.2	11	16	14	18	18	18	15	14	13	14	11
18	8.1	10	16	17	17	17	18	15	14	24	13	11
19	8.3	9.8	16	24	18	17	18	15	14	22	39	11
20	8.3	15	15	18	17	19	28	15	14	18	20	11
21	8.4	15	16	16	16	25	24	15	16	16	16	11
22	8.5	11	19	15	16	19	22	14	26	22	15	11
23	13	10	17	15	20	17	30	21	18	18	20	11
24	11	14	15	17	17	17	21	34	16	17	36	11
25	9.7	22	14	20	16	64	20	18	16	15	20	11
26	9.1	13	14	17	15	34	19	17	15	19	20	11
27	8.7	11	15	24	35	21	19	16	14	17	19	11
28	8.5	13	18	19	29	29	19	24	24	25	17	11
29	8.4	12	23	17	21	31	18	50	51	35	16	13
30	8.4	10	17	16	---	23	18	95	33	25	15	12
31	8.9	---	15	16	---	22	---	35	---	20	14	---
TOTAL	271.2	341.7	576	521	547	687	649	768	569	557	563	360
MEAN	8.75	11.4	18.6	16.8	18.9	22.2	21.6	24.8	19.0	18.0	18.2	12.0
MAX	13	22	46	25	46	64	34	95	51	35	39	15
MIN	7.9	8.5	10	14	14	17	18	14	13	13	13	11

CAL YR 1983	TOTAL	5162.8	MEAN	14.1	MAX	54	MIN	6.5
WTR YR 1984	TOTAL	6409.9	MEAN	17.5	MAX	95	MIN	7.9

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, SC

LOCATION.—Lat 33°23'14", long 80°08'25", Berkeley County, Hydrologic Unit 03050201, on right bank 0.6 mi upstream from bridge on State Highway 45 and 7.0 mi southwest of Pineville.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1943 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.—Water-stage recorder. Datum of gage is 60.0 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Auxiliary water-stage recorder 3.9 mi downstream from base gage.

REMARKS.—Records poor. Canal diverts water from Lake Marion to Lake Moultrie for generation of power and for navigation. Water is discharged from powerplant and navigation lock into West Branch Cooper River.

AVERAGE DISCHARGE.—41 years, 14,943 ft³/s.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily discharge, 40,300 ft³/s Mar. 17, 1983; minimum daily (normal operation), 61 ft³/s Sept. 24, 25, 1956; maximum daily reverse flow, 12,100 ft³/s Feb. 9, 1947 (caused by unusual operation of gates).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4840	5310	13500	20200	19600	13300	18900	20800	22400	14100	21900	13200
2	3540	4820	13800	19600	20800	18400	21100	19500	24500	11300	24900	12900
3	2980	3960	13700	21000	20800	20900	22400	18500	24400	11400	25700	11600
4	3170	4600	15000	19800	21000	21100	24800	24700	24500	11700	26200	17500
5	5360	3880	14400	20800	19500	23600	21100	16000	22100	12300	26500	8530
6	7310	4540	18300	20200	23100	19700	18600	23300	22000	11700	27400	10900
7	4850	4520	17600	21100	17300	16000	21100	17200	20100	13200	28000	8720
8	6280	4420	19100	20300	18400	17900	19800	29200	20100	11500	26200	9360
9	4530	7530	21300	19600	20800	19600	21100	15600	19300	11900	27200	12400
10	4130	4520	24900	19900	20700	22300	24900	20800	18200	11600	26600	12000
11	2710	9510	35200	20200	20700	24500	19900	20900	19300	12100	24100	12900
12	1340	1360	36200	19000	24900	22200	19900	20900	17500	13000	23500	11700
13	8950	3300	28500	21700	22100	23400	19600	20600	18200	13200	24100	10900
14	7340	4610	24100	17900	17700	19600	21800	18400	18200	15800	21000	10700
15	3840	6180	23400	21500	22300	20900	23100	19600	18200	11300	17900	10300
16	3380	9830	23900	24600	18500	20900	20900	21400	17100	13000	14900	7390
17	3280	7960	25500	25200	14400	21000	20800	20900	16700	14900	14500	5600
18	3160	7600	27200	25400	18100	20600	17500	24000	18500	21200	14400	4770
19	4440	5880	23500	20800	22600	21500	19600	20900	9650	16700	18800	4210
20	16200	7720	23600	18700	24200	15400	20900	20200	12800	20700	14300	6420
21	8290	8520	28000	17500	23300	24600	20800	19400	9840	21200	13400	6760
22	5430	7590	24000	18700	21600	19800	21000	18300	6830	21400	12300	5660
23	5770	7970	20900	20000	26300	20300	25900	20300	9570	20300	11900	6170
24	7730	13600	22500	22100	20900	22200	18500	19400	9620	21600	14000	6810
25	3960	5860	25500	22500	22400	27100	18700	18200	10200	22800	13600	6370
26	4310	7670	14500	22800	19600	21100	19600	18200	9140	21500	12100	7710
27	4800	7790	17700	24700	27400	24600	21800	18200	8860	10900	15400	6020
28	4480	12200	19900	19600	22200	24000	20500	20600	11000	23800	9810	3390
29	5830	13500	16800	19900	22000	25900	20500	19500	13200	23100	13700	10700
30	4840	12500	19000	20800	—	20500	21700	23300	8800	22800	13700	5140
31	9640	—	19300	15900	—	15500	—	20700	—	24000	15700	—
TOTAL	166610	209350	670800	642000	613200	648400	626800	629500	480810	506000	593610	266730
MEAN	5375	6978	21640	20710	21140	20920	20890	20310	16030	16320	19150	8891
MAX	16200	13600	36200	25400	27400	27100	25900	29200	24500	24000	28000	17500
MIN	1340	1360	13500	15900	14400	13300	17500	15600	6830	10900	9810	3390

CAL YR 1983 TOTAL 5855020 MEAN 16040 MAX 40300 MIN 1340
WTR YR 1984 TOTAL 6053910 MEAN 16540 MAX 36200 MIN 1340

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, SC--Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 32°23'25", long 80°08'25", Berkeley County, Hydrologic Unit 03050201, at auxiliary water-stage recorder 3.9 miles downstream from base gage, 7.0 miles southwest of Pineville.

PERIOD OF RECORD.--December 1971 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	HARDNESS NONCARBONATE (MG/L AS CACO3)
NOV												
17...	0900	94	6.8	12.5	4.2	761	9.7	91	220	320	18	0
JAN												
20...	1545	92	6.6	5.5	—	770	11.9	93	K26	K6	—	—
MAR												
27...	1700	68	6.8	15.5	30	753	9.3	94	110	K5	14	0
MAY												
23...	0900	73	6.2	23.5	7.0	764	7.5	88	K20	470	17	0
JUL												
17...	1640	78	6.5	29.0	3.6	760	7.0	91	—	1300	19	0
SEP												
18...	1530	90	6.3	23.0	1.8	766	7.5	87	3200	140	19	0

DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)
NOV												
17...	4.0	1.9	12	56	1	1.9	23	10	9.4	.20	8.9	64
MAR												
27...	3.4	1.3	6.2	46	.7	1.5	14	10	5.9	<.10	8.9	52
MAY												
23...	4.3	1.6	7.1	54	.8	1.6	20	7.2	6.3	.10	8.0	52
JUL												
17...	4.6	1.8	8.1	46	.8	1.6	20	9.4	7.2	.10	8.0	58
SEP												
18...	4.3	1.8	8.7	48	.9	1.8	21	7.3	7.6	.10	11	50

DATE	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)
NOV											
17...	62	.09	<.10	.050	.06	.10	.020	.06	.010	.010	.03
JAN											
20...	—	—	.31	.090	.12	.30	.060	.18	.040	.020	.06
MAR											
27...	46	.07	.20	<.010	—	.50	.040	.12	.040	<.010	—
MAY											
23...	49	.07	.11	.110	.14	.80	.070	—	<.010	<.010	—
JUL											
17...	53	.08	<.10	<.010	—	<.10	.020	—	<.010	<.010	—
SEP											
18...	55	.07	<.10	.020	.03	.60	.110	—	.110	.050	.15

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE,SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV 17...	<10	<1	83	.7	<1	<1	<3	1	18	4	10
MAY 23...	<10	<1	23	<.0	<1	<1	<3	2	250	1	6
JUL 17...	10	1	19	1.0	<1	<1	<3	1	24	<1	7

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 17...	<1	.5	<10	1	<1	<1	37	<6	29	8	70
JAN 20...	—	—	—	—	—	—	—	—	—	8	96
MAR 27...	—	—	—	—	—	—	—	—	—	9	91
MAY 23...	3	.2	<10	1	<1	<1	38	<6	22	8	87
JUL 17...	<1	.4	<10	<1	<1	1	40	<6	10	8	65
SEP 18...	—	—	—	—	—	—	—	—	—	6	65

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02171000 LAKE MARION NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'00", long 80°09'50", Berkeley County, Hydrologic Unit 03050111, at right upstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Santee Reservoir near Pineville.

GAGE.--Waterstage recorder. Datum of gage is National Geodetic Verical datum of 1929 (levels by Harza engineering Co.). Prior to May 6, 1942, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; dam completed in 1941. Usable capacity, 47,930,000,000 ft³ between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximum normal lake elevation). Dead storage, about 15,250,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest 63.0 ft; top of spillway gates, 76.8 ft. Some water used for generation of power. Major portion of water is diverted from Lake Marion through canal to Lake Moultrie (see preceding page) for generation of power and for navigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft Feb. 28, 1964 (distorted due to high westerly winds); minimum, 61.36 ft oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 76.84 ft Dec. 24 (distorted due to high westerly winds); minimum., 74.06 ft Nov. 18.

Capacity table (elevation, in feet), and
usable contents, (in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

71.0 ft	24.31 ft³
72.0 ft	27.75 ft³
74.0 ft	35.41 ft³
76.0 ft	44.13 ft³
77.0 ft	48.88 ft³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.20	74.41	74.31	75.75	75.66	75.69	76.01	76.15	76.14	75.59	76.09	75.07
2	74.21	74.39	74.26	75.77	75.68	75.79	76.18	76.23	76.32	75.56	76.13	75.08
3	74.21	74.37	74.22	75.75	75.71	75.89	76.25	76.21	76.43	75.54	76.17	75.02
4	74.24	74.32	74.24	75.71	75.74	75.88	76.29	76.15	76.38	75.53	76.20	75.01
5	74.32	74.26	74.22	75.71	75.62	75.78	76.17	75.98	76.36	75.54	76.24	75.04
6	74.40	74.25	74.47	75.76	75.63	75.68	76.09	76.17	76.31	75.58	76.26	74.98
7	74.47	74.24	74.32	75.71	75.49	75.55	76.13	76.16	76.25	75.62	76.22	74.90
8	74.52	74.21	74.44	75.64	75.54	75.66	76.16	76.32	76.19	75.61	76.12	74.77
9	74.51	74.31	74.69	75.57	75.56	75.66	76.26	76.26	76.13	75.66	76.03	74.68
10	74.49	74.47	74.34	75.57	75.60	75.93	76.25	76.31	76.05	75.72	75.95	74.57
11	74.47	74.27	76.21	75.51	75.63	75.99	76.11	76.30	75.97	75.74	75.84	74.41
12	74.43	74.15	76.33	75.44	75.64	75.93	76.06	76.27	75.87	75.76	75.70	74.33
13	74.51	74.15	76.07	75.36	75.79	75.92	76.12	76.15	75.81	75.70	75.54	74.27
14	74.44	74.10	75.93	75.32	75.74	75.82	76.24	76.13	75.74	75.74	75.42	74.25
15	74.41	74.23	76.01	75.68	75.58	75.86	76.34	76.11	75.61	75.72	75.33	74.23
16	74.37	74.17	76.16	75.93	75.32	75.89	76.24	76.17	75.48	75.68	75.36	74.26
17	74.36	74.08	76.33	75.92	75.12	75.89	76.10	76.23	75.33	75.65	75.38	74.28
18	74.39	74.09	76.44	75.96	75.38	75.87	75.97	76.27	75.16	75.67	75.38	74.29
19	74.40	74.12	76.42	75.82	75.73	75.90	76.02	76.20	75.07	75.76	75.49	74.32
20	74.38	74.26	76.50	75.66	75.83	75.77	76.06	76.12	75.01	75.74	75.46	74.33
21	74.29	74.23	76.68	75.36	75.74	75.74	76.08	76.02	75.22	75.75	75.43	74.33
22	74.25	74.22	76.60	75.57	75.80	75.77	76.11	75.95	75.28	75.76	75.44	74.33
23	74.38	74.19	76.55	75.63	76.01	75.86	76.22	75.97	75.37	75.83	75.44	74.34
24	74.38	74.62	76.25	75.80	75.97	75.91	75.98	75.88	75.42	75.92	75.37	74.34
25	74.40	74.17	76.04	75.90	75.94	76.25	75.96	75.77	75.46	76.07	75.35	74.35
26	74.49	74.18	76.01	75.94	75.92	76.15	76.01	75.73	75.47	76.06	75.32	74.32
27	74.48	74.23	76.01	75.96	76.14	76.21	76.09	75.69	75.46	76.18	75.25	74.28
28	74.54	74.43	75.99	75.84	76.04	76.51	76.17	75.70	75.49	76.18	75.20	74.29
29	74.49	74.38	75.92	75.71	75.79	76.31	76.20	75.74	75.56	76.26	75.17	74.21
30	74.49	74.32	75.73	75.85	—	76.16	76.25	75.83	75.57	76.17	75.13	74.18
31	74.44	—	75.74	75.66	—	75.97	—	75.90	—	76.12	75.07	—
MAX	74.54	74.62	76.68	75.96	76.14	76.51	76.34	76.32	76.43	76.26	76.26	75.08
MIN	74.20	74.08	74.22	75.32	75.12	75.55	75.96	75.69	75.01	75.53	75.07	74.18
(+)	37.27	36.77	42.96	42.60	43.18	43.99	45.31	43.68	42.20	44.70	39.95	36.18
(*)	-441	-193	2,311	-134	231	302	509	-609	-571	933	1,773	-1,454

CAL YR 1983 * 259 MAX 76.70 MIN 72.09
WTR YR 1984 * 3 MAX 76.68 MIN 74.08

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°09'25", Berkeley County, Hydrologic Unit 03050112, on right bank 2.4 mi downstream from Lake Marion Dam, 3.0 mi upstream from Dead River, 6.7 mi west of Pineville, and at mile 85.0.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--April 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.00 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream or temporary water-stage recorder operated by Corps of Engineers, at site 200 ft upstream, at different datum.

REMARKS.--Records fair, except those for discharges above 9,000 ft³/s, which are poor. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal (02170500) into Lake Moultrie (02172000) for generation of power and for navigation, then discharged into Cooper River basin. Seepage from north dike of Lake Marion Dam bypasses station via Little River. Results of discharge measurement of Little River, just below dam, made during water year 1984 are:

July 12 - 21.6 ft³/s

AVERAGE DISCHARGE.--42 years, 2,356 ft³/s, 2.18 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155,000 ft³/s Sept. 23, 1945, gage height, 31.1 ft (from floodmarks), from rating curve extended above 13,000 ft³/s by computation of flow over spillway at Lake Marion; minimum daily, 9.0 ft³/s Feb. 23, 1947 (caused by repair work at spillway).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 25,600 ft³/s Dec. 13, gage height, 13.65 ft; minimum daily, 395 ft³/s Oct. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	586	533	572	7360	6840	19100	16500	5850	653	583	469	479
2	574	543	572	6660	6280	19800	16600	5820	794	576	479	479
3	551	547	573	6360	6050	21700	16600	5840	700	580	483	485
4	590	522	586	6170	5950	21700	16600	8760	613	573	516	487
5	594	532	578	6130	6200	21600	17200	14000	598	573	533	491
6	589	533	726	4800	5880	21600	16200	14500	594	566	498	492
7	597	504	968	1320	1760	19500	12900	14800	588	557	563	493
8	607	515	602	764	924	15600	12000	16900	586	559	612	495
9	592	512	665	665	835	16100	10600	19400	582	547	517	493
10	602	486	666	631	767	18500	9220	19300	579	545	470	494
11	603	592	1660	675	778	18700	14400	19800	579	562	460	494
12	582	596	13900	1720	758	18600	14900	20600	586	553	474	489
13	561	528	25400	10600	680	18600	15000	20600	584	548	480	496
14	391	551	23900	14800	1550	17600	15000	17700	581	536	479	485
15	570	580	19800	15600	9470	13200	15100	13700	585	541	472	491
16	573	651	19700	15900	14300	12200	15300	7800	579	551	475	499
17	567	607	19700	16000	21600	11800	15200	3230	579	549	485	503
18	564	539	20800	16100	22000	11600	13100	1590	585	590	481	495
19	535	537	20300	18000	22200	11500	8000	1270	574	561	496	491
20	518	548	13700	19600	22300	11400	6760	965	472	552	493	489
21	511	558	9270	18300	21000	11400	6290	760	545	542	489	485
22	541	562	9450	18200	14500	6730	6090	690	514	542	487	484
23	540	548	12500	18200	9670	2190	7450	683	544	508	482	484
24	516	569	16800	16500	8900	955	11800	677	571	425	479	482
25	544	842	19300	13300	11900	777	10400	650	570	450	474	481
26	567	603	11900	12600	11700	1120	6830	641	566	492	475	485
27	567	575	10200	13600	14300	686	6120	637	569	606	474	489
28	560	547	10100	15600	20000	812	5940	640	571	534	475	500
29	561	598	13600	15800	19900	6750	5860	639	572	505	477	509
30	549	578	16700	13700	---	12300	5850	655	578	512	480	493
31	551	---	9290	8740	---	16100	---	699	---	476	486	---
TOTAL	17353	16936	324478	334395	288992	400220	349810	239796	17591	16794	15212	14712
MEAN	560	565	10470	10790	9965	12910	11660	7735	586	542	491	490
MAX	607	842	25400	19600	22300	21700	17200	20600	794	606	612	509
MIN	391	486	572	631	680	686	5850	637	472	425	460	479

CAL YR 1983	TOTAL	1410916	MEAN	3866	MAX	31800	MIN 391
WTR YR 1984	TOTAL	2036289	MEAN	5564	MAX	25400	MIN 391

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC

LOCATION.--Lat 33°29'38", long 79°57'38", Berkeley County, Hydrologic Unit 03050112, on downstream side of U.S. Highway 52 main channel bridge, 5.2 mi northeast of Russellville, and at mile 63.7.

DRAINAGE AREA.--14,800 mi².

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water stage recorder. Datum of gage is 10.59 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through canal (see sta 02170500) into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River.

AVERAGE DISCHARGE.--6 years, 3,370 ft³/s, 3.09 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70,400 ft³/s Apr. 1, 1980, gage height, 24.45 ft; minimum daily, 398 ft³/s Oct. 8, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 36,100 ft³/s May 14; maximum gage height, 21.79 ft Feb.22; minimum daily, 481 ft³/s Oct 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	576	585	632	12200	12000	21900	15900	6520	1130	714	835	512
2	572	568	620	9410	9190	24400	18000	6430	1120	733	757	505
3	560	583	621	7560	7400	25400	19800	6400	1140	717	702	506
4	549	592	641	6560	6450	28700	20900	6890	1020	710	633	508
5	586	562	635	6040	6010	31800	22000	11100	933	700	679	516
6	590	573	639	5660	6110	33700	22700	14600	892	696	649	513
7	583	580	949	3430	4120	34500	22400	16900	862	683	615	511
8	598	537	808	1900	2250	31800	20100	18300	838	672	693	512
9	607	571	692	1350	1580	24700	17900	19900	818	668	667	518
10	598	561	712	1160	1360	21100	15700	23700	799	661	593	537
11	610	554	721	1070	1230	21300	15200	28500	778	668	554	533
12	612	655	3100	1080	1190	22900	16400	31300	771	671	550	517
13	600	613	10100	2900	1150	24700	17200	34200	766	665	560	510
14	505	578	14200	3680	1170	25600	18000	35900	762	655	555	515
15	481	627	17900	3840	3870	24700	18400	32800	756	651	541	510
16	570	655	19500	11900	8260	21000	18800	24100	748	649	530	516
17	582	710	19900	14700	12700	18300	19100	15600	740	652	536	514
18	581	632	19800	15400	16800	16600	19400	8540	736	657	539	517
19	577	596	20100	16000	21600	15700	18100	4880	734	713	541	512
20	534	596	20300	16700	27700	15100	14700	3080	718	710	580	507
21	532	615	18300	18000	31000	15100	11100	2100	638	686	581	505
22	529	610	15500	18800	31200	13800	9250	1590	653	667	582	504
23	576	608	14000	18900	24600	8080	8470	1400	649	648	573	502
24	569	610	13900	18900	17900	3890	10700	1380	697	577	555	502
25	539	745	15100	18400	15400	2460	13400	1400	707	512	538	501
26	570	795	16300	16800	14800	2270	12200	1350	702	567	528	500
27	588	672	15700	15800	14600	2110	9420	1260	696	625	519	499
28	593	640	13900	15400	16000	1850	7760	1180	700	712	513	509
29	592	625	13000	15700	18600	2720	6960	1150	709	692	509	549
30	586	647	14300	15900	---	7940	6640	1120	712	820	512	529
31	585	---	14800	15300	---	12800	---	1130	---	918	512	---
TOTAL	17730	18495	317070	330440	336240	556920	466620	364700	23924	21069	18281	15388
MEAN	572	617	10230	10660	11590	17970	15550	11760	797	680	590	513
MAX	612	795	20300	18900	31200	34500	22700	35900	1140	918	835	549
MIN	481	537	620	1070	1150	1850	6640	1120	638	512	509	498

CAL YR 1983	TOTAL 1505620	MEAN	4125	MAX	43300	MIN	481
WTR YR 1984	TOTAL 2486877	MEAN	6795	MAX	35900	MIN	481

02171620 CRAWL CREEK NEAR PINEVILLE, SC

WATER QUALITY RECORDS

LOCATION.--Lat 33°26'18", long 79°59'47", Berkeley County, Hydrologic Unit 03050112, at bridge on State Highway 6, 1.0 mi upstream from U.S. Highway 52, 2.5 mi east of Pineville, and at mile 3.1.

PERIOD OF RECORD.--Water years 1975 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
OCT									
27...	1530	126	6.5	16.5	16	23	9.6	10	3.0
NOV									
29...	1115	156	6.2	13.0	21	30	9.4	10	5.0
DEC									
30...	1800	141	6.9	6.0	50	13	10.6	6	1.0
JAN									
30...	1300	113	6.3	10.5	55	15	10.6	4	1.0
FEB									
28...	1330	81	5.4	10.0	130	45	9.0	23	1.0
MAR									
21...	1330	95	6.3	18.0	130	24	8.4	16	3.0
APR									
26...	1100	97	6.0	20.0	130	13	8.5	12	2.0
MAY									
17...	1015	90	6.6	16.0	110	18	8.4	22	2.0
JUN									
13...	1710	96	6.9	27.0	50	22	7.1	19	5.0
JUL									
31...	1530	180	5.4	27.0	35	11	7.0	9	2.0
AUG									
29...	1245	90	6.3	24.0	16	8.0	7.5	3	1.0
SEP									
27...	1030	93	5.6	21.0	12	10	7.6	10	2.0

DATE	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, SUS-PENDED RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, SUS-PENDED RECOV. (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	CARBON, ORGANIC TOTAL (MG/L AS C)	SEDI-MENT, SUS-PENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT									
27...	730	500	230	80	0	80	2.3	11	71
NOV									
29...	720	450	270	100	0	100	6.0	12	74
DEC									
30...	690	460	230	150	0	150	5.8	3	23
JAN									
30...	1000	940	60	30	0	70	6.7	5	69
FEB									
28...	690	320	370	80	10	70	11	5	91
MAR									
21...	810	460	350	70	20	50	14	2	48
APR									
26...	990	430	560	60	0	70	14	12	64
MAY									
17...	1400	690	710	40	10	30	9.2	37	48
JUN									
13...	1400	—	850	80	—	80	4.7	21	73
JUL									
31...	780	—	160	100	—	110	8.2	8	44
AUG									
29...	880	—	470	40	—	40	2.7	5	43
SEP									
27...	1000	—	520	50	—	10	3.3	9	70

NOTE: ">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°24'05", long 79°51'20", Berkeley County, Hydrologic Unit 03050112, on right bank, on Tract 13P of Francis Marion National Forest, 3.9 mi east of St. Stephens, 600 ft downstream from Mattassee Lake, and at mile 52.0.

PERIOD OF RECORD.--January 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
OCT 27...	1400	583	100	6.6	19.0	5	4.0	8.1	1	2.0
NOV 29...	1420	697	115	6.8	14.5	4	6.0	9.5	2	7.0
DEC 30...	1500	11800	103	7.5	7.5	75	34	11.0	12	1.0
JAN 30...	1700	—	85	6.8	8.0	120	43	11.3	6	1.0
FEB 28...	1415	—	85	5.6	11.0	70	27	8.4	13	1.0
MAR 21...	1700	—	73	6.7	14.5	100	38	9.4	8	4.0
APR 27...	1500	8300	76	6.5	18.5	50	13	8.0	7	4.0
MAY 17...	1230	—	77	6.4	205	25	4.8	5.9	5	2.0
JUN 13...	1600	648	83	6.2	28.0	30	6.0	6.1	3	8.0
JUL 31...	1430	830	78	6.5	27.0	7	5.0	6.4	6	1.0
AUG 29...	1658	499	83	6.1	27.5	4	3.6	6.9	2	1.0
SEP 27...	1445	480	88	5.9	25.0	2	5.7	7.0	7	1.5

DATE	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, SUSPENDED RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, SUSPENDED RECOV. (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	CARBON, ORGANIC TOTAL (MG/L AS C)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 27...	460	300	160	70	10	60	3.3	—	—
NOV 29...	490	360	130	60	10	50	3.2	—	—
DEC 30...	1300	1000	290	40	30	10	6.0	—	—
JAN 30...	410	360	50	50	30	20	5.4	—	—
FEB 28...	850	760	90	30	20	10	5.4	16	94
MAR 21...	810	750	60	50	40	10	5.0	14	81
APR 27...	780	410	370	50	20	30	5.4	9	88
MAY 17...	360	130	230	30	—	<10	4.2	6	93
JUN 13...	1600	—	520	230	—	130	3.2	6	98
JUL 31...	860	—	90	80	—	50	4.8	7	77
AUG 29...	1200	—	450	—	—	80	3.2	2	62
SEP 27...	760	—	210	120	—	20	2.9	4	76

NOTE: ">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02171680 WEDBOO CREEK NEAR JAMESTOWN, SC

LOCATION.--Lat 33°19'50", long 79°48'10", Berkeley County, Hydrologic Unit 03050112, on right downstream wingwall of culvert on South Carolina Highway 45, 1.4 mi southeast of Alvin, 3.3 mi upstream from mouth, and 7.5 mi northwest of Jamestown.

DRAINAGE AREA.--17.4 mi².

PERIOD OF RECORD.--September 1966 to Feb. 1972, Feb. 1973 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 20 ft (from topographic map).

REMARKS.--Records fair.

AVERAGE DISCHARGE.--16 years, 12.40 ft³/s, 9.68 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 928 ft³/s Aug. 26, 1971, gage height, 5.96 ft; maximum gage-height, 8.32 ft Mar. 22, 23, 1975 (caused by backwater). No flow for several days during water years 1966-69, 1973, 1974, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 100 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Feb. 28	1100	103	3.82	May 4	2200	*161	*4.16
Apr. 24	0730	134	4.02	May 7	1530	139	4.05

Minimum daily, 0.22 ft³/s Dec. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.32	.52	.72	2.7	12	53	27	11	19	1.5	2.4	.62
2	.32	.54	.54	1.9	9.4	36	20	9.1	12	2.0	2.7	.58
3	.29	.58	.51	1.4	8.4	26	17	13	7.6	1.7	4.1	.59
4	.27	.74	.87	1.1	8.0	20	17	91	5.4	1.3	2.8	.64
5	.29	.78	.62	1.1	7.6	17	39	142	4.1	1.1	2.0	.99
6	.48	.67	.66	1.0	6.8	38	45	86	3.3	1.9	1.4	.81
7	.54	.61	.66	.81	6.0	75	34	118	2.8	2.3	1.1	.73
8	.51	.72	.36	.58	5.2	71	24	108	2.5	1.4	.92	.69
9	.43	2.0	.26	.47	4.9	53	18	90	2.2	1.2	.85	1.1
10	.39	1.9	.22	1.1	4.6	37	21	66	2.0	.98	.86	1.7
11	.41	1.3	.72	1.9	4.4	26	25	40	2.0	.91	1.1	1.3
12	.26	.89	9.3	2.0	4.3	20	21	25	2.3	.84	1.3	1.0
13	.44	.76	3.7	5.2	4.5	30	18	16	1.9	.79	1.3	.85
14	.83	.68	1.6	9.7	21	59	28	12	1.8	.85	1.6	.84
15	.89	1.2	2.0	7.8	30	50	32	12	1.6	1.4	1.2	.76
16	.91	2.1	1.6	6.0	25	37	26	14	1.4	1.4	.93	1.1
17	.96	1.7	.88	5.3	19	28	22	10	1.3	1.0	.93	.87
18	.96	1.3	.65	7.5	14	21	16	5.7	1.2	1.5	.86	.77
19	.96	1.1	1.5	24	12	17	12	4.2	1.1	2.2	1.2	.68
20	.98	1.8	1.0	20	9.4	14	13	3.7	1.2	1.4	1.6	.58
21	1.1	2.6	.86	13	8.0	24	18	3.3	3.7	1.2	1.1	.55
22	.96	1.6	3.4	9.9	7.0	30	16	3.1	2.1	1.4	1.1	.48
23	1.8	1.2	2.5	8.1	19	23	55	7.9	1.6	1.1	1.0	.49
24	1.5	1.3	1.5	7.7	28	18	128	15	1.5	.99	.87	.47
25	1.1	4.1	.81	9.6	24	36	93	12	1.3	.89	.83	.46
26	.91	2.2	.52	9.6	18	80	55	9.6	1.1	2.4	.77	.43
27	.80	1.2	.43	21	28	59	34	7.1	1.0	1.6	.71	.32
28	.63	1.8	2.9	31	90	53	23	6.8	1.0	4.3	.64	.64
29	.51	2.5	8.3	25	81	74	17	14	1.4	4.2	.59	2.8
30	.50	1.2	7.8	18	—	56	14	21	2.0	8.4	.61	1.5
31	.52	—	4.2	14	—	39	—	27	—	3.6	.63	—
TOTAL	21.77	41.59	61.59	268.46	519.5	1220	928	1003.5	93.4	57.75	40.00	25.34
MEAN	.70	1.39	1.99	8.66	17.9	39.4	30.9	32.4	3.11	1.86	1.29	.84
MAX	1.8	4.1	9.3	31	90	80	128	142	19	8.4	4.1	2.8
MIN	.26	.52	.22	.47	4.3	14	12	3.1	1.0	.79	.59	.32

CAL YR 1983 TOTAL 8806.95 MEAN 24.1 MAX 627 MIN .22
WTR YR 1984 TOTAL 4280.90 MEAN 11.7 MAX 142 MIN .22

02171700 SANTEE RIVER NEAR JAMESTOWN, SC

LOCATION.--Lat 33°18'17", long 79°40'42", Berkeley County, Hydrologic Unit 03050112, at downstream side of bridge on U.S. Highway 17A, 0.7 mi below Wittee Branch, 0.10 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--15,044 mi².

PERIOD OF RECORD.--January 1974 to July 1976, September 1977 to current year. Gage height records July 1976 to September 1977 are in reports of the National Ocean Survey. April 1929 to current year (gage heights only) are in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--Tidal gage height affected at medium and higher stages by regulation from Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through canal (see sta 02170500) into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 32.0 ft Apr. 15, 1936; minimum, 0.61 ft Nov. 21, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.59 ft Mar. 9; minimum, 0.83 ft Sept. 13.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	3.65	1.86	3.09	1.53	2.62	1.26	—	—	—	—		
2	3.17	1.55	3.10	1.59	2.69	1.26	—	—	—	—		
3	2.99	1.39	3.24	1.60	2.78	1.26	—	—	—	—		
4	3.07	1.48	3.20	1.57	2.82	1.24	—	—	—	—		
5	3.04	1.60	3.53	1.55	2.53	1.13	—	—	—	—		
6	3.11	1.64	3.55	1.80	3.11	1.34	—	—	—	—		
7	3.62	1.70	3.35	1.55	1.48	.84	—	—	—	—		
8	3.86	2.13	3.64	1.69	2.49	1.29	—	—	—	—		
9	3.63	1.96	3.74	1.79	2.19	1.13	3.24	2.94	—	—		
10	3.61	1.87	3.22	1.68	1.93	1.06	3.24	2.43	—	—		
11	3.83	2.10	2.26	1.15	2.59	1.15	2.76	2.10	2.18	2.73		
12	3.38	1.86	2.21	.94	2.97	1.67	3.12	2.07	2.79	1.98		
13	3.17	1.75	2.63	1.26	—	—	3.45	2.10	3.12	1.95		
14	2.72	1.39	2.49	1.30	—	—	—	—	3.75	2.27		
15	2.65	1.30	2.51	1.35	—	—	—	—	—	—		
16	2.99	1.48	2.15	1.09	—	—	—	—	—	—		
17	2.81	1.43	2.19	1.02	—	—	—	—	—	—		
18	2.90	1.50	2.66	1.26	—	—	—	—	—	—		
19	2.98	1.54	2.72	1.31	—	—	—	—	—	—		
20	3.21	1.69	3.15	1.36	—	—	—	—	—	—		
21	3.38	1.71	2.83	1.41	—	—	—	—	—	—		
22	3.75	1.96	2.95	1.31	—	—	—	—	—	—		
23	4.07	2.12	2.98	1.30	—	—	—	—	—	—		
24	3.54	1.78	3.01	1.37	—	—	—	—	—	—		
25	2.98	1.39	2.63	1.17	—	—	—	—	—	—		
26	3.40	1.45	2.91	1.14	—	—	—	—	—	—		
27	3.19	1.54	2.99	1.54	—	—	—	—	—	—		
28	3.08	1.50	2.95	1.54	—	—	—	—	—	—		
29	2.26	1.14	2.31	1.19	—	—	—	—	—	—		
30	3.00	1.20	2.35	1.12	—	—	—	—	—	—		
31	2.96	1.53	—	—	—	—	—	—	—	—		
MEAN	3.23	1.63	2.88	1.38	2.52	1.22	3.16	2.33	2.96	2.23		

02171700 SANTEE RIVER NEAR JAMESTOWN, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1			---	---	3.62	2.04			---	---	2.61	1.09
2			---	---	3.71	1.77			---	---	2.66	1.18
3			---	---	3.33	1.90			---	---	2.48	1.09
4			---	---	3.43	1.88			---	---	2.36	1.02
5			---	---	3.49	2.06			---	---	2.59	1.06
6			---	---	3.28	1.87			---	---	3.16	1.43
7			---	---	3.00	1.69			---	---	3.33	1.58
8			---	---	2.55	---			---	---	3.06	1.70
9			---	---	2.62	1.39			---	---	3.50	1.98
10			---	---	2.79	1.37			---	---	3.67	1.83
11			---	---	2.73	1.37			---	---	3.39	1.53
12			---	---	---	---			---	---	2.38	.90
13			---	---	---	---			---	---	1.62	.83
14			---	---	---	---			---	---	1.84	.93
15			---	---	---	---			---	---	1.96	.94
16			---	---	---	---			---	---	2.90	1.09
17			---	---	---	---			---	---	3.35	1.60
18			---	---	---	---			---	---	3.43	1.63
19			---	---	---	---			---	---	3.28	1.57
20			---	---	---	---			---	---	3.06	1.39
21			---	---	---	---			---	---	2.85	1.28
22			---	---	---	---			---	---	2.97	1.32
23			---	---	---	---			---	---	3.03	1.45
24			3.41	2.73	---	---			---	---	2.82	1.40
25			3.41	2.56	---	---			---	---	2.89	1.45
26			2.89	2.22	---	---			---	---	2.93	1.45
27			3.10	2.05	---	---			---	---	3.05	1.35
28			3.24	2.01	---	---			---	---	3.34	1.58
29			3.15	1.90	---	---			---	---	3.58	1.89
30			2.56	1.82	---	---			2.83	1.38	3.67	1.72
31			3.25	1.96	---	---			2.31	1.06	---	---
MEAN			3.13	2.16	3.14	1.73			2.57	1.22	2.93	1.38
YEAR	2.98	1.56										

02171730 SANTEE RIVER NEAR HONEY HILL, SC

LOCATION.--Lat 33°14'43", long 79°31'20", Berkeley County, Hydrologic Unit 03050112, near right bank 1.7 mi downstream from Echaw Creek, 4.9 mi northeast of Honey Hill, and at mile 25.0.

PERIOD OF RECORD.--November 1973 to July 1976, August 1977 to current year. Gage height records July 1976 to August 1977 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 13.23 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected at medium and higher stages by regulation from Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through canal (see sta 02170500) into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.61 ft Mar. 24, 1975; minimum, 11.77 ft Jan. 25, 1979 and Mar. 17, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.18 ft Mar. 10; minimum, 12.07 ft Dec. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	16.86	14.15	16.42	13.65	16.00	13.14	19.12	18.46	---	---	19.92	19.65
2	16.49	13.62	16.45	13.71	16.07	13.05	19.05	18.39	19.47	19.03	19.73	19.48
3	16.42	13.34	16.58	13.72	16.19	13.12	18.78	17.98	19.15	18.53	19.39	19.46
4	16.50	13.49	16.56	13.64	16.21	13.15	18.42	17.43	18.62	17.82	---	---
5	16.51	13.63	16.82	13.68	15.98	12.82	17.88	16.74	17.82	16.86	---	---
6	16.49	13.67	16.74	13.86	16.43	13.31	17.53	16.27	17.35	15.99	---	---
7	16.90	13.82	16.61	13.61	14.93	12.07	17.18	15.75	16.78	15.66	---	---
8	17.09	14.47	16.86	13.99	15.67	12.93	16.74	14.72	16.41	14.62	---	---
9	16.86	14.21	16.93	14.21	13.45	12.79	15.85	13.88	15.94	13.80	---	---
10	16.85	14.11	16.43	13.95	15.12	12.78	---	15.05	15.49	13.29	---	---
11	17.02	14.55	15.50	13.14	15.80	13.14	---	---	15.56	13.16	---	---
12	16.58	14.18	15.56	12.95	15.99	13.77	---	---	15.75	13.14	---	---
13	16.41	13.92	15.87	13.56	16.10	14.35	---	---	16.16	13.31	---	---
14	16.01	13.53	15.79	13.56	17.04	15.27	---	---	16.73	13.90	---	---
15	16.04	13.56	15.79	13.51	17.28	16.26	---	---	16.48	13.57	---	---
16	16.26	13.80	15.42	12.99	17.36	16.58	---	---	17.35	14.29	---	---
17	16.17	13.55	15.52	12.73	17.75	16.87	---	---	17.93	16.08	---	---
18	16.24	13.65	15.98	13.16	18.38	17.21	---	---	18.26	16.89	---	---
19	16.31	13.70	16.05	13.24	18.84	17.86	---	---	18.46	17.38	---	---
20	16.47	13.92	16.47	13.41	19.19	18.32	---	---	18.54	17.73	---	---
21	16.67	13.96	16.22	13.35	19.90	18.79	---	---	18.92	18.17	---	---
22	16.94	14.37	16.32	13.24	---	---	---	---	19.31	18.82	---	---
23	17.16	14.57	16.32	13.17	---	---	---	---	---	---	---	---
24	16.68	14.04	16.39	13.35	---	---	---	---	---	---	19.19	17.66
25	16.37	13.38	16.10	12.97	19.87	19.44	---	---	---	---	18.07	16.39
26	16.68	13.60	16.17	13.15	19.63	19.17	---	---	---	---	16.65	15.32
27	16.50	13.72	16.22	13.61	19.39	18.99	---	---	---	---	16.72	14.96
28	16.39	13.66	16.14	13.67	19.29	18.84	---	---	---	---	17.08	15.03
29	15.60	12.90	15.51	12.99	19.20	18.70	---	---	---	---	15.75	13.88
30	16.35	13.05	15.70	12.80	19.17	18.63	---	---	---	---	16.96	13.94
31	16.28	13.63	---	---	19.14	18.54	---	---	---	---	17.86	16.04
MEAN	16.52	13.80	16.18	13.42	17.41	15.71	17.84	16.47	17.45	15.81	17.98	16.57

02171730 SANTEE RIVER NEAR HONEY HILL, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	18.23	17.01	17.29	15.76	16.72	13.85	16.18	13.00	16.56	13.69	16.13	13.02
2	18.38	17.47	17.33	15.67	16.78	13.37	16.23	13.32	16.17	13.34	16.11	13.20
3	18.60	17.68	16.91	15.68	16.46	13.65	16.14	13.08	15.64	12.92	15.92	13.03
4	18.81	18.00	17.14	15.70	16.54	13.77	15.96	13.24	15.51	12.65	15.84	12.93
5	18.60	18.31	17.19	16.09	16.61	13.87	15.98	13.26	15.81	12.74	16.08	13.08
6	18.84	18.55	17.66	16.80	16.43	13.74	16.01	13.18	15.80	12.75	16.52	13.71
7	19.32	19.06	17.89	17.32	16.18	13.54	15.94	12.98	15.85	12.71	16.63	13.86
8	19.74	19.64	18.19	17.66	15.81	13.13	16.24	12.78	15.87	12.87	16.73	14.11
9	---	---	18.57	17.79	15.92	13.01	16.41	13.32	16.00	12.96	16.92	14.52
10	---	---	18.83	18.00	16.15	12.99	16.08	13.11	16.22	13.18	16.65	14.19
11	---	---	19.09	18.39	16.10	13.00	15.86	12.73	16.32	13.26	16.44	13.79
12	---	---	19.46	18.73	16.21	12.96	15.79	12.72	16.01	13.22	15.62	12.64
13	---	---	---	---	16.27	13.11	15.71	12.70	15.44	13.13	15.00	12.43
14	---	---	---	---	16.16	13.13	15.07	12.89	15.87	13.01	15.79	12.78
15	19.82	19.48	---	---	15.22	12.97	15.75	13.02	15.64	13.01	15.40	12.79
16	19.67	19.27	---	---	16.01	13.25	15.75	12.78	15.74	13.15	16.28	13.48
17	19.62	19.11	---	---	16.11	13.14	15.33	12.76	15.72	13.26	16.58	14.06
18	19.49	19.01	---	---	15.75	12.99	15.18	12.46	15.80	13.29	16.68	14.08
19	19.46	19.08	---	---	15.56	13.15	14.96	12.53	15.62	13.00	16.56	13.95
20	19.46	19.15	---	---	15.84	13.49	15.50	12.84	15.95	13.11	16.42	13.62
21	19.48	19.07	---	---	16.27	13.85	15.49	13.13	16.37	13.63	16.29	13.34
22	19.37	18.85	17.82	16.34	16.43	14.20	15.77	13.09	16.29	13.57	16.41	13.32
23	19.16	18.79	16.44	14.63	16.37	13.98	15.76	13.13	16.09	13.15	16.50	13.52
24	18.65	18.16	16.29	14.04	16.18	13.53	15.85	12.57	16.10	12.81	16.42	13.41
25	18.50	17.99	16.34	14.13	16.18	13.30	15.89	12.77	16.69	13.45	16.38	13.51
26	18.26	17.75	15.84	13.51	16.45	13.35	16.16	12.95	16.75	13.57	16.40	13.48
27	18.23	17.51	16.11	13.42	16.37	13.31	15.94	12.70	16.68	14.10	16.53	13.32
28	17.85	16.98	16.27	13.58	16.34	13.14	16.25	12.89	16.95	14.03	16.74	13.77
29	17.70	16.62	16.23	13.38	16.24	13.07	15.78	13.31	16.70	13.66	16.88	14.26
30	17.44	16.22	16.39	13.24	15.39	12.95	16.47	13.79	16.15	13.27	16.92	14.01
31	---	---	15.98	13.70	---	---	16.81	13.76	15.68	12.86	---	---
MEAN	18.86	13.28	17.24	15.62	16.17	13.36	15.88	13.01	16.06	13.20	16.31	13.51
YEAR	16.80	14.55										

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'27", long 79°23'05", Georgetown County, Hydrologic Unit 03050112, near left bank at Hopsewee Plantation, 0.10 mi upstream from U.S. Highway 17, 1.3 mi southwest of North Santee, and at mile 15.0.

PERIOD OF RECORD.--September 1973 to July 1975, February 1977 to current year. Gage height records July 1975 to February 1977 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 3.47 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected at medium and higher stages by regulation from Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through canal (see sta 02170500) into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.93 ft Mar. 25, 1975; minimum, 0.03 ft Jan. 25, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.23 ft Mar. 20; minimum, 0.82 ft Dec. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.08	3.21	6.72	2.56	6.44	1.93	7.18	3.30	6.74	3.32	6.07	3.37
2	6.76	2.47	6.72	2.53	6.52	1.70	7.28	3.60	6.66	3.38	6.40	3.54
3	6.82	2.07	6.94	2.46	6.63	1.82	7.21	3.35	6.72	3.37	6.58	3.56
4	6.91	2.20	6.93	2.36	6.61	1.99	7.15	3.28	6.62	3.20	6.32	3.93
5	6.91	2.27	7.21	2.59	6.47	1.53	6.77	2.90	5.96	2.53	6.92	4.42
6	6.63	2.32	7.02	2.67	6.79	2.24	6.72	2.90	5.20	1.80	6.80	4.61
7	7.26	2.58	6.95	2.49	5.23	.82	6.59	2.57	5.71	2.22	6.97	5.05
8	7.37	3.39	7.13	3.09	6.03	1.99	6.38	2.80	5.65	2.38	6.76	5.54
9	7.11	3.08	7.08	3.43	5.78	1.82	5.63	2.31	5.60	2.03	6.70	5.55
10	7.06	3.11	6.62	3.04	5.35	1.91	6.09	2.67	5.25	1.87	7.16	6.13
11	7.19	3.76	5.74	2.34	6.01	2.36	5.78	2.64	5.50	1.86	7.34	5.85
12	6.71	3.26	5.89	2.40	6.16	2.60	6.21	3.12	5.85	2.05	7.21	6.02
13	6.60	3.13	6.07	2.76	5.64	2.44	6.59	2.89	6.35	2.75	7.61	6.11
14	6.24	2.81	6.03	2.80	5.99	2.58	6.75	3.13	6.78	2.74	7.19	5.40
15	6.26	2.94	6.04	2.32	6.04	2.88	7.26	4.03	6.63	1.88	7.25	5.12
16	6.44	3.41	5.66	2.06	5.72	2.02	7.40	3.31	6.84	1.88	7.39	5.17
17	6.42	2.65	5.91	1.67	6.13	2.01	7.44	3.15	7.24	2.51	7.83	5.20
18	6.50	2.85	6.34	2.11	6.83	2.39	7.65	3.07	7.22	2.79	7.91	5.74
19	6.60	2.79	6.42	2.04	7.16	2.75	7.44	3.10	7.26	3.07	7.73	5.58
20	6.69	3.02	6.80	2.28	7.43	3.10	7.47	3.20	7.07	3.25	8.23	5.48
21	6.83	3.00	6.61	1.97	7.69	3.38	7.49	3.37	7.10	3.50	6.90	4.56
22	7.16	3.54	6.72	1.99	7.50	4.09	7.19	3.38	7.07	3.97	6.39	3.34
23	7.39	3.72	6.71	1.95	7.27	3.35	6.99	3.48	7.76	3.61	5.76	3.67
24	6.96	2.92	6.76	2.19	6.67	3.08	6.64	3.32	5.81	3.88	6.63	3.66
25	6.72	2.34	6.43	1.75	6.59	3.17	6.65	3.22	6.24	4.24	6.66	3.14
26	6.97	2.67	6.55	2.08	6.76	3.52	6.49	3.60	6.59	4.90	5.82	2.66
27	6.76	2.73	6.31	2.46	6.30	3.20	6.77	4.24	7.11	4.93	6.39	3.15
28	6.68	2.71	6.39	2.28	6.70	3.79	6.57	3.76	6.88	4.43	6.83	3.43
29	5.92	1.82	5.76	1.73	5.68	2.97	6.72	3.74	5.50	3.62	5.46	1.53
30	6.68	2.71	6.08	1.53	6.93	3.09	6.60	3.51	—	—	6.37	1.69
31	6.57	2.99	—	—	7.03	3.25	6.06	3.05	—	—	6.88	2.78
MEAN	6.79	2.85	6.49	2.33	6.49	2.57	6.81	3.23	6.45	3.03	6.87	4.37

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.06	3.28	6.70	2.36	7.04	2.51	6.65	1.60	6.82	2.19	6.58	1.89
2	7.03	3.23	6.81	2.47	6.74	2.00	5.94	1.98	6.41	1.86	6.45	2.17
3	7.18	3.26	6.68	2.65	6.77	2.32	6.50	1.81	5.94	1.44	6.27	2.05
4	7.15	3.58	6.51	2.15	5.98	2.55	6.33	1.82	5.84	1.24	6.17	2.01
5	6.37	2.89	6.68	2.54	6.88	2.61	6.33	1.91	6.18	1.52	6.47	2.19
6	6.67	3.01	6.41	2.57	6.68	2.53	6.37	1.88	6.18	1.56	6.81	2.88
7	6.76	3.51	6.39	2.76	6.42	2.08	6.35	1.63	6.31	1.56	6.88	3.01
8	6.08	4.03	6.38	2.96	6.14	1.69	6.71	1.54	6.28	1.75	7.00	3.25
9	6.96	4.92	6.62	3.06	6.29	1.53	6.81	2.08	6.39	1.88	7.10	3.60
10	7.47	5.01	6.76	3.16	6.61	1.53	6.45	1.85	6.58	2.10	6.89	3.07
11	7.62	4.98	6.83	3.14	6.54	1.52	6.33	1.47	6.69	2.18	6.68	2.67
12	7.49	4.87	7.03	3.26	6.68	1.52	6.25	1.45	6.41	2.13	5.33	1.52
13	7.58	5.08	7.22	3.28	6.67	1.74	6.13	1.53	6.20	2.13	5.40	1.38
14	7.67	4.81	7.31	3.63	6.61	1.84	6.17	1.75	6.00	2.01	5.99	1.77
15	7.72	4.48	7.73	4.41	6.43	1.78	6.05	1.90	5.66	1.93	5.78	1.84
16	7.36	4.07	7.68	4.95	6.45	2.02	5.14	1.75	6.04	2.16	6.59	2.97
17	7.11	3.58	7.75	5.55	5.40	2.14	5.64	1.62	5.97	2.26	6.76	3.48
18	7.06	3.32	7.27	5.70	6.02	1.88	5.41	1.40	6.06	2.37	6.89	3.37
19	6.82	3.54	6.39	5.12	5.87	2.06	5.15	1.48	5.83	2.15	6.78	3.15
20	6.67	3.56	6.70	4.40	6.06	2.53	5.72	1.99	6.22	2.37	6.70	2.72
21	6.65	3.75	6.46	3.75	6.42	2.89	5.68	2.08	6.63	2.88	6.65	2.27
22	6.23	4.04	6.33	3.13	6.55	3.36	6.02	2.08	6.59	2.69	6.83	2.17
23	6.75	3.62	6.11	2.62	6.53	3.09	6.00	2.21	6.45	2.05	6.90	2.20
24	5.83	3.12	6.11	2.57	6.40	2.50	6.18	2.01	6.63	1.55	6.89	2.00
25	6.17	3.25	6.19	2.44	6.48	2.31	6.30	1.65	7.15	2.29	6.80	2.07
26	6.26	3.06	5.78	1.97	6.77	2.29	6.57	1.88	7.21	2.21	6.81	2.06
27	6.46	3.14	6.22	1.98	6.70	2.17	6.43	1.34	7.33	2.86	6.99	2.02
28	6.59	2.94	6.41	2.23	6.72	1.92	6.76	1.46	7.06	2.64	7.09	2.60
29	6.92	3.12	6.44	1.86	6.80	1.84	6.89	1.86	6.78	2.19	7.16	3.25
30	6.71	2.80	6.69	1.57	6.62	1.62	7.15	2.42	6.51	1.83	7.20	3.07
31	---	---	6.97	2.32	---	---	6.66	2.17	6.17	1.45	---	---
MEAN	6.88	3.73	6.70	3.11	6.48	2.15	6.23	1.79	6.40	2.05	6.61	2.48
YEAR	6.60	2.81										

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°11'40", long 79°16'24", Georgetown County, Hydrologic Unit 03050112, near left bank at AIW in Annandale Plantation, 6.5 miles southeast of North Santee.

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 18.08 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected at times by regulation from Lake Marion (see sta 02171000).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.99 ft Mar. 17, 1983; minimum, 14.23 ft Jan. 9, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.84 ft Mar. 20; minimum, 15.52 ft Dec. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	21.85	17.82	21.55	17.20	21.23	16.68	21.74	16.93	21.30	16.63	20.36	15.99
2	21.56	17.05	21.60	17.13	21.31	16.32	21.89	17.35	21.23	16.81	20.76	16.64
3	21.63	16.67	21.85	17.08	21.47	16.46	21.77	17.12	21.28	16.97	21.00	16.80
4	21.77	16.76	21.85	16.96	21.44	16.63	21.75	17.20	21.12	16.97	21.31	17.21
5	21.78	16.81	22.25	17.22	21.29	16.19	21.30	16.93	20.53	16.46	21.39	17.44
6	21.72	16.85	21.97	17.27	21.72	16.90	21.30	17.03	19.72	15.85	21.13	17.19
7	22.22	17.11	21.37	17.09	19.98	15.52	21.19	16.88	20.25	16.48	21.15	17.47
8	22.33	17.90	22.07	17.73	20.77	16.69	21.02	17.27	20.25	16.92	20.69	17.50
9	21.99	17.61	21.96	18.06	20.40	16.52	20.31	16.87	20.28	16.68	19.81	16.79
10	21.90	17.71	21.31	17.74	19.96	16.61	20.92	17.25	20.03	16.60	20.96	17.81
11	22.05	18.35	20.42	17.02	20.60	17.02	20.56	17.31	20.33	16.59	21.16	17.09
13	21.26	17.84	20.70	17.49	20.18	16.91	21.47	17.57	21.29	17.22	21.79	16.93
14	20.87	17.49	20.67	17.54	20.40	16.88	21.62	17.49	21.77	17.30	21.31	17.09
15	20.90	17.65	20.70	16.92	20.34	16.18	22.06	18.27	21.61	16.49	21.56	16.80
16	21.07	17.86	20.42	16.85	20.01	16.40	22.17	17.45	21.80	16.41	21.80	16.96
17	21.11	17.53	20.65	16.38	20.37	16.08	22.20	17.15	22.04	16.56	22.29	16.95
18	21.21	17.50	21.06	16.77	21.28	16.39	22.47	16.86	21.93	16.57	22.38	17.61
19	21.33	17.44	21.18	16.70	21.64	16.65	22.20	16.76	21.96	16.75	22.25	17.57
20	21.46	17.66	21.68	16.92	21.98	16.87	22.20	16.74	21.58	16.91	22.34	17.79
21	21.70	17.64	21.40	16.52	22.26	17.04	22.24	17.08	21.64	17.23	21.31	17.01
22	22.09	18.15	21.60	16.64	22.09	17.15	21.75	17.02	21.71	17.62	20.51	16.76
23	22.38	18.31	21.57	16.59	21.72	16.55	21.51	17.03	22.45	16.42	20.71	16.37
24	21.83	17.45	21.62	16.85	21.11	16.11	21.16	16.88	19.98	16.69	21.11	17.58
25	21.60	16.94	20.61	16.41	20.96	16.21	21.11	16.66	20.51	16.69	21.24	17.34
26	21.85	17.36	21.31	16.79	21.20	16.86	20.96	17.00	20.84	17.40	20.31	17.03
27	21.57	17.40	21.20	17.13	20.67	16.69	21.33	16.95	21.48	18.65	21.03	17.57
28	21.45	17.41	21.05	16.92	21.06	16.33	21.05	17.15	21.23	16.57	21.54	17.35
29	20.66	16.47	20.43	16.19	20.98	16.64	21.24	16.90	19.44	15.84	20.23	16.06
30	21.44	17.31	20.81	16.59	21.39	17.31	21.09	16.61	—	—	20.94	16.20
31	21.32	17.21	—	—	21.49	16.80	20.43	15.91	—	—	21.37	16.97
MEAN	21.59	17.46	21.26	16.99	21.04	16.61	21.45	17.08	21.05	16.79	21.20	17.12

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	21.62	17.33	21.33	16.60	21.96	17.06	21.53	16.28	21.24	16.79	21.38	16.59
2	21.52	17.07	21.48	16.76	21.67	16.62	20.66	16.62	21.18	16.53	21.23	16.36
3	21.69	17.06	21.39	16.95	21.65	16.90	21.30	16.43	20.78	16.13	21.05	16.78
4	21.64	17.40	21.08	16.41	20.62	17.10	21.15	16.49	20.66	15.95	20.96	16.76
5	20.71	16.55	21.21	16.67	21.76	17.15	21.12	16.58	21.01	16.24	21.25	16.36
6	21.03	16.61	20.36	16.62	21.41	17.09	21.14	16.55	21.01	16.30	21.74	17.64
7	20.06	17.07	20.89	16.67	21.12	16.66	21.20	16.31	21.20	16.32	21.74	17.65
8	21.27	17.53	20.83	16.85	20.93	16.26	21.60	16.20	21.15	16.52	21.93	17.80
9	21.45	18.31	21.10	16.86	21.12	16.11	21.70	16.74	21.24	16.59	22.02	18.17
10	22.06	18.23	21.22	16.79	21.38	16.11	21.29	16.53	21.40	16.82	21.71	17.65
11	22.25	17.96	21.29	16.64	21.38	16.09	21.21	16.15	21.55	16.89	21.45	17.32
12	22.13	17.95	21.46	16.61	21.53	16.08	21.10	16.15	21.25	16.85	20.05	16.23
13	22.23	17.79	21.68	16.32	21.53	16.26	20.99	16.22	20.98	16.86	20.15	15.77
14	22.32	17.73	21.86	16.31	21.48	16.43	20.94	16.40	20.76	16.74	20.32	16.53
15	22.42	17.52	22.34	16.80	21.25	16.38	20.87	16.62	20.65	16.64	20.57	16.60
16	21.98	17.21	22.15	17.05	21.24	16.64	20.41	16.46	20.75	16.88	21.33	17.71
17	21.67	16.84	22.15	17.42	20.74	16.82	19.72	16.33	20.65	16.95	21.54	18.22
18	21.62	16.73	21.40	17.39	19.80	16.53	20.16	16.11	20.75	17.07	21.68	18.13
19	21.39	17.00	20.75	16.82	20.62	16.74	19.87	16.21	20.55	16.87	21.66	17.20
20	21.16	17.01	19.87	16.82	20.76	17.24	20.35	16.72	20.91	17.03	21.50	17.41
21	20.26	17.31	20.74	17.16	21.10	17.54	20.37	16.83	21.40	17.61	21.46	16.98
22	21.21	17.76	20.82	17.32	21.24	18.06	20.70	16.78	21.37	17.39	21.72	16.82
23	21.51	17.45	20.65	17.17	21.21	17.72	20.68	16.92	21.27	16.74	21.82	16.81
24	20.40	16.89	20.77	17.07	21.11	17.18	20.96	16.77	21.47	16.27	21.86	16.63
25	20.78	17.08	20.92	17.03	21.24	17.03	21.11	16.40	22.21	16.94	21.78	16.68
26	20.71	16.99	20.52	16.56	21.57	16.95	21.38	16.57	22.30	16.80	21.92	16.69
27	20.97	17.11	21.02	16.54	21.52	16.80	21.36	16.08	22.47	17.41	21.96	16.61
28	21.16	16.99	21.25	16.80	21.57	16.53	21.76	16.13	22.07	17.16	22.19	17.22
29	21.54	17.28	21.27	16.41	21.72	16.50	21.86	16.55	21.69	16.73	22.15	17.34
30	21.35	17.00	21.61	16.06	21.52	16.24	22.17	16.97	21.18	16.42	22.19	17.76
31	---	---	21.92	16.35	---	---	21.73	16.76	21.02	16.07	---	---
MEAN	21.40	17.29	21.19	16.78	21.26	16.76	21.04	16.48	21.23	16.73	21.47	17.15
YEAR	21.27	16.94										

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.—January 1979 to current year.

INSTRUMENTATION.—USGS mini-monitor since January 1979.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 63,800 microsiemens, June 28, 1960; minimum, <100 microsiemens many days.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 53,500 microsiemens, Oct. 23; minimum, <100 microsiemens, many days Jan.-May.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	48900	39100	43200	49500	35200	42900	39300	31200	34000	17300	3300	7870
2	45100	36300	42000	48400	36900	43300	45000	30600	35000	19200	3300	7370
3	47100	31500	40600	50000	35800	42700	46400	31400	36300	9000	3400	5350
4	49100	35700	41000	49700	36400	42400	45500	32100	36000	13300	3000	5100
5	48800	35600	41900	52600	37000	44600	45200	31000	35600	10500	3900	5260
6	49300	36100	42800	50400	39400	44400	48700	32400	36200	11500	2800	5890
7	52500	39200	46600	49500	41400	44400	33700	24900	31500	15200	3700	7860
8	53000	40700	47400	51200	41500	45300	39000	30200	32700	18100	5500	11400
9	51300	42300	47000	50300	38800	44300	37700	28200	32700	19800	5700	10800
10	52000	42900	47300	45000	32100	40300	34800	23800	30600	22400	10700	14700
11	51800	41000	46600	39500	32600	36500	36300	19900	27900	21200	11400	16400
12	48800	40000	44700	37600	31300	33200	33400	21700	28300	29000	16500	22300
13	46700	37500	[illegible]	39100	32100	34200	32400	21000	27400	33700	16500	26100
14	42600	32800	40600	39300	33100	35000	28600	12500	20300	32800	17700	26100
15	43600	36800	39900	38600	31000	35000	16300	6100	11900	34600	15700	24300
16	44900	37200	40200	35400	31400	33700	9900	2700	6150	33600	12100	18900
17	45400	32000	40400	33900	31000	32700	8800	2000	4550	34100	6100	13500
18	46300	16000	40500	41000	32700	35500	24500	4300	9980	43300	2800	12500
19	46700	16400	41000	42300	32900	36800	18500	5900	9320	30100	1800	7960
20	47900	38400	43200	46100	32800	38200	32300	5400	9900	34700	2600	6220
21	49900	38200	45100	43600	31500	36800	33000	2500	11200	30300	2100	8080
22	52600	41000	46300	48000	33200	37600	11100	200	5340	11900	1900	5630
23	53500	39600	45800	48300	33200	38500	5000	900	3070	6500	400	3720
24	46600	37900	43200	48300	33900	39000	3700	400	2540	3400	300	2020
25	46900	35200	41900	42200	29700	34400	3100	100	1130	2900	100	1560
26	51100	37800	43100	44000	32100	35000	3300	200	1440	2900	200	1690
27	47000	38600	42700	43000	31500	35400	2600	400	1690	2300	100	1090
28	45600	8940	40600	41500	32300	35800	2100	100	1190	2400	100	1090
29	41900	32000	37900	38500	31800	33700	2300	100	957	2500	100	1050
30	46700	34600	38500	39700	31600	34000	14200	700	4050	2600	100	1060
31	46300	36300	41300	—	—	—	16300	3700	7100	2400	<100	730
MONTH	53500	8940	42800	52600	29700	38200	48700	100	17300	43300	<100	9210

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMEN/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1900	100	827	1000	<100	311	13800	4600	6870	4400	1200	2690
2	2900	100	1260	900	<100	389	9200	1900	4590	9900	2700	4070
3	2000	100	860	3000	200	1020	4200	1000	2720	7700	1900	4750
4	2600	200	1150	3400	200	1230	2900	900	1900	5100	1000	2690
5	7900	300	2230	2700	100	940	5500	1100	2290	8400	1600	3610
6	3100	400	1700	1000	<100	471	3800	300	1550	9800	1400	4310
7	10400	600	3870	1500	<100	385	8400	500	2230	7400	1000	2980
8	18700	3900	8340	900	<100	402	6300	600	2580	3700	700	2450
9	16200	5800	8770	700	<100	309	6500	200	2250	6000	200	1940
10	15300	7400	9390	600	<100	218	9800	300	1560	6700	400	2280
11	13400	8900	10300	600	<100	222	3900	200	1260	4300	500	2120
12	17100	9800	12600	1400	<100	228	4300	300	1730	2700	300	1430
13	24500	11300	16600	700	<100	320	3900	200	1230	3900	100	1650
14	29200	11000	16800	1700	<100	616	1400	200	791	6100	300	1490
15	31000	10300	17000	700	<100	306	1300	100	633	9400	100	1740
16	39200	10100	19900	900	<100	371	1000	100	526	2600	100	1420
17	36000	4100	17100	1900	<100	549	1000	100	477	1900	<100	923
18	28700	2300	11100	1600	<100	592	1500	100	698	1000	<100	469
19	19400	1300	7660	1000	<100	419	2900	200	1180	1000	100	419
20	11200	700	4580	7700	100	483	4500	400	1550	900	100	407
21	8400	700	3580	3300	<100	373	3200	300	1690	1000	100	454
22	11700	500	3630	700	<100	304	3500	400	1430	7600	200	1700
23	28600	<100	4450	800	100	380	1300	100	755	10500	1800	3530
24	1600	<100	678	2800	200	856	1000	<100	574	17000	3100	7310
25	1400	<100	540	2800	400	1310	5700	100	1230	22200	8300	15300
26	1100	<100	402	2900	1200	1690	5500	1100	2360	18100	8400	13300
27	900	<100	369	8400	700	2870	7300	1500	2630	22800	11400	14800
28	900	<100	403	11000	1800	5190	6400	1700	3190	29500	11600	18700
29	1100	<100	394	4600	2100	3040	11800	2300	4350	30500	11700	19400
30	—	—	—	11000	900	3530	5700	1200	3090	40400	13600	21300
31	—	—	—	15500	4000	8670	—	—	—	42700	19400	26800
MONTH	39200	<100	6430	15500	<100	1220	13800	<100	2000	42700	<100	6010

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	43200	22600	30500	43700	24900	32700	42900	28300	34500	44900	34200	37800
2	41800	25600	30200	45900	30200	34900	37000	21500	31200	43300	34300	38600
3	40100	27500	31200	41600	30400	34700	32600	14300	26900	40600	20100	36500
4	39400	28200	31500	40100	30500	34600	29200	15400	23700	39000	29900	35800
5	41300	28800	32500	40400	30800	34900	31100	11600	22300	41700	30500	35700
6	37000	28900	31900	40600	31000	35200	30300	11400	22400	45300	32500	37900
7	34300	27900	30500	41800	30500	34700	31500	17300	23500	46400	32900	39300
8	31700	22600	28900	48300	30700	35400	31500	12800	23300	47500	32800	40000
9	35600	23000	28700	46500	31900	37900	33400	18300	25300	46200	35100	41000
10	43300	23300	29700	43200	31800	37500	32900	16400	25900	43500	31200	39900
11	42800	25800	30800	42100	30100	35800	34200	14500	25000	41000	29900	34800
12	44300	24700	31700	43600	29400	35000	30100	15900	25100	32000	25100	29700
13	44800	28000	32700	42300	30200	34800	30100	18100	24600	30100	20600	27500
14	43600	28500	33400	41700	32000	35600	29900	19600	24700	31600	26500	29100
15	40400	28100	32900	40200	31800	35700	31300	21500	26200	32700	12800	29800
16	39200	29800	33300	40200	30000	34700	32400	22100	27800	38200	28200	31100
17	40600	30100	33400	37500	29500	32500	33100	22200	28100	38000	29200	32200
18	37600	29700	32000	35800	21700	29500	32800	22800	27600	38900	29500	32400
19	35200	29900	32000	29300	24800	28000	30800	22100	26800	38800	29800	32900
20	37600	30600	33600	30700	28000	29000	31000	18500	26400	37800	30000	33100
21	37700	29600	33400	30900	27600	29300	36600	23000	28300	37800	29900	32900
22	38600	30100	34400	33500	25600	28900	35900	23800	29000	42600	30200	33900
23	39300	30000	34000	32800	27300	29400	38600	24800	28900	44700	30800	36400
24	37600	29600	32700	33100	26100	29300	40800	26500	30400	43300	30200	36200
25	36600	29600	31900	34600	23400	29300	46000	27600	34400	44000	32100	37400
26	42700	29000	32500	41300	24300	30800	46200	29300	36800	44800	31400	37500
27	41200	28200	33100	42200	23600	31300	46700	31800	39000	46700	32900	40000
28	42100	29700	33100	47100	23900	32900	45800	13900	39600	46900	33500	41000
29	41700	25800	32500	45300	27100	34600	43900	30400	39700	44300	33100	38400
30	44100	28100	32600	45500	26400	36400	42000	29600	37900	44800	33100	37200
31	—	—	—	45300	25700	35900	41600	28800	36700	—	—	—
MONTH	44800	22600	32100	48300	21700	33300	46700	11400	29100	47500	12800	35500
YEAR	53500	<100	21100									

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°08'45", long 79°19'22", Charleston County, Hydrologic Unit 03050112, near right bank in Santee Gun Club, 1.3 mi downstream from Pleasant Creek, 9.0 mi northeast of McClellanville, and at mile 5.1.

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage heights.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.44 ft Nov. 6, 1975; minimum, 15.13 ft Jan. 25, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 23.26 ft Mar. 20; minimum recorded, 15.98 ft Dec. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1			—	—	21.79	16.86	22.23	17.19	21.66	16.87	20.82	16.37
2			22.15	17.37	21.84	16.62	22.10	17.55	21.55	16.97	21.23	16.90
3			22.38	17.31	22.01	16.72	22.25	17.37	21.59	17.16	21.43	17.03
4			22.37	17.21	21.99	16.89	22.19	17.45	21.45	17.13	21.76	17.44
5			22.77	17.41	21.84	16.50	21.76	17.22	20.83	16.69	21.82	17.75
6			22.48	17.47	22.23	17.21	21.78	17.31	20.01	16.21	21.55	17.45
7			22.35	17.34	20.55	15.98	21.99	17.12	20.63	16.69	21.55	17.70
8			22.59	17.94	21.30	17.02	21.47	17.50	20.60	17.10	21.06	17.89
9			22.43	18.32	20.94	16.85	20.73	17.13	20.66	16.88	20.16	17.19
10			21.77	18.02	20.42	16.96	21.29	17.56	20.39	16.79	21.36	18.12
11			20.93	17.35	21.14	17.37	20.98	17.63	20.68	16.79	21.55	17.51
12			21.09	17.45	21.42	17.55	21.42	18.05	21.13	16.92	21.41	18.19
13			21.17	17.76	20.63	17.25	21.85	17.76	21.69	17.43	22.19	17.30
14			21.16	17.80	20.88	17.20	22.02	17.65	21.17	17.52	21.78	17.46
15			21.19	17.23	20.86	16.56	22.51	18.41	22.01	16.56	22.01	17.12
16			20.84	17.19	20.55	16.76	22.62	17.60	22.28	16.48	22.27	17.30
17			21.15	16.61	20.96	16.42	22.68	17.32	22.49	16.75	22.81	17.31
18			21.60	17.05	21.83	16.69	22.99	17.10	22.39	16.85	22.87	18.02
19			21.73	16.95	22.20	16.95	22.44	17.01	22.41	17.06	22.72	17.96
20			22.24	17.18	22.59	17.13	22.67	17.10	22.04	17.17	23.26	18.15
21			21.91	16.89	22.81	17.31	22.72	17.30	22.07	17.41	22.94	17.36
22			22.17	16.90	22.61	17.61	22.10	17.22	22.09	17.83	20.90	17.12
23			22.15	16.88	22.25	16.86	21.90	17.33	22.86	16.74	21.18	17.39
24			22.17	17.15	21.57	16.44	21.53	17.09	20.38	16.99	21.52	17.86
25			21.02	16.78	21.47	16.68	21.48	16.90	20.79	17.01	21.61	17.67
26			21.83	17.07	21.70	17.16	21.33	17.28	21.20	17.70	20.73	17.33
27			21.73	17.34	21.15	16.99	21.70	17.25	21.85	18.96	21.43	17.87
28			21.57	17.18	21.53	16.78	21.40	17.32	21.56	16.92	21.95	18.12
29			20.93	16.51	21.53	16.97	21.64	17.18	19.91	16.27	20.56	16.35
30			21.32	16.90	21.90	17.58	21.45	16.90	—	—	21.35	16.53
31			—	—	21.98	17.13	20.82	16.35	—	—	21.85	17.23
MEAN			21.77	17.26	21.56	16.94	21.86	17.33	21.43	17.03	21.67	17.44

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW	HIGH-HIGH	LOW-LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.05	17.54	21.74	16.71	---	---	21.88	16.54	22.02	17.04	21.58	16.90
2	21.99	17.29	21.88	16.93	---	---	21.09	16.86	21.56	16.77	21.64	17.11
3	22.16	17.34	21.64	17.20	---	---	21.76	16.67	21.18	16.43	21.49	17.14
4	22.07	17.61	21.45	16.64	---	---	21.60	16.72	21.10	16.22	21.37	17.03
5	21.20	16.80	21.64	16.84	---	---	21.54	16.79	21.44	16.52	21.70	17.22
6	21.51	16.86	21.40	16.87	---	---	21.56	16.77	21.46	16.55	22.15	17.83
7	20.45	17.31	20.35	16.89	---	---	21.60	16.56	21.64	16.58	22.17	17.87
8	21.73	17.75	21.24	17.09	21.44	16.61	21.91	16.44	21.59	16.78	22.35	18.03
9	21.92	18.59	21.51	17.01	21.57	16.39	22.13	16.96	21.68	16.81	22.39	18.41
10	22.47	18.44	21.64	17.00	21.86	16.41	21.76	16.77	21.83	17.02	22.15	17.86
11	22.69	18.20	21.74	16.89	21.75	16.41	21.66	16.41	21.61	17.10	21.86	17.55
12	22.56	18.20	21.92	16.90	21.84	16.41	21.59	16.44	20.97	17.06	20.49	16.57
13	22.68	18.04	22.05	16.63	21.90	16.58	21.48	16.68	21.41	17.12	20.58	16.26
14	22.77	17.97	22.35	16.66	21.87	16.72	21.26	16.69	20.90	16.99	20.81	16.79
15	22.89	17.74	22.83	17.19	21.76	16.71	21.30	16.84	21.07	16.90	21.03	16.87
16	22.45	17.50	22.64	17.36	21.72	16.91	20.82	16.78	21.21	17.12	21.74	17.90
17	22.05	17.06	22.61	17.73	21.22	17.06	20.07	16.62	21.10	17.22	21.94	18.43
18	22.01	16.92	21.89	17.77	20.22	16.82	20.55	16.41	21.18	17.38	22.13	18.34
19	21.80	17.17	21.20	17.28	21.10	17.00	20.21	16.50	20.96	17.13	22.09	18.07
20	21.52	17.16	20.30	17.24	21.21	17.47	20.73	16.98	21.29	17.29	21.96	17.69
21	21.53	17.45	21.18	17.45	21.53	17.77	20.75	17.05	21.90	17.77	21.92	17.21
22	21.56	17.91	21.24	17.56	21.68	18.30	21.16	17.01	21.81	17.59	21.97	17.03
23	21.84	17.69	21.07	17.47	21.65	17.98	21.16	17.21	21.71	16.98	22.13	17.01
24	20.65	17.09	21.17	17.37	21.55	17.45	21.44	17.02	21.87	16.51	22.02	16.83
25	21.11	17.22	---	---	21.70	17.28	21.53	16.64	22.65	17.20	21.78	17.04
26	21.02	17.12	---	---	22.03	17.19	21.80	16.96	22.74	17.00	21.56	17.03
27	21.30	17.21	---	---	21.99	17.03	21.62	16.33	22.87	17.66	22.24	17.04
28	21.45	17.11	---	---	22.04	16.81	21.66	16.35	22.52	17.38	22.52	17.45
29	21.89	17.41	---	---	22.19	16.75	21.83	16.95	22.02	16.94	22.57	18.01
30	21.73	17.12	---	---	21.85	16.35	22.34	17.19	21.62	16.63	22.58	17.99
31	---	---	---	---	---	---	21.73	16.95	21.20	16.37	---	---
MEAN	21.84	17.49	21.61	17.11	21.64	16.98	21.41	16.74	21.62	16.97	21.83	17.41
YEAR	21.66	17.16										

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1979 to current year.

INSTRUMENTATION.--Servo Programmer January 1979-October 1982, USGS mini-monitor since October 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 60,800 microsiemens, December 12, 1982; minimum, less than 100 microsiemens, many days each year.

EXTREMES FOR THE CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum 58,200 microsiemens, Feb 16; minimum, less than 100 many days.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	44900	28100	37700	45800	29500	37500	44200	23100	33600	15300	300	2260
2	42500	25700	35200	47800	20100	39800	44900	23200	34300	13600	300	2030
3	47600	16000	34700	50100	30400	40900	47700	22500	35100	9000	300	1430
4	50200	27700	37600	51800	31200	41300	46800	25500	35000	11100	300	1540
5	50600	30500	40700	54900	32200	43700	46500	13000	32100	2100	300	761
6	50000	31500	41500	52200	15700	38200	50800	24800	36000	8700	300	1970
7	54200	32200	44600	50100	30600	40700	46700	18300	30600	9600	300	2300
8	53400	35800	46600	53400	32200	41800	48200	25100	35200	13200	500	4390
9	52100	35100	44300	51400	32300	40900	47000	22900	32800	9800	600	3540
10	51100	34600	43100	43600	29500	35700	41900	22300	29700	18700	2400	7970
11	52000	36000	44200	37000	13500	21900	39200	24100	30900	17200	3100	8590
12	46000	33400	40100	43400	14200	28400	38400	22000	30200	22700	6500	13600
13	42100	33300	38400	42400	27100	32200	31600	10700	23700	27800	5600	15700
14	44800	28500	36100	41700	26100	32700	29500	3400	17700	25600	3500	13300
15	41700	28700	34200	44500	27400	34600	18000	1400	7340	36900	900	12000
16	43100	29800	34900	40400	23100	31100	7300	100	3300	33700	700	8460
17	41400	27900	34200	47000	17300	33300	4500	400	1640	44000	600	8300
18	50000	29000	35200	45400	27900	36400	12500	400	2590	42000	500	9380
19	43200	28500	35300	44200	20200	35200	20600	400	3100	39500	500	6500
20	45000	30200	37200	51800	27200	38700	27600	400	4490	35000	400	5950
21	48000	31500	39400	45400	24700	34500	27300	400	6420	34600	400	6150
22	52900	33600	43400	47300	22800	34900	15000	500	2520	7600	300	1340
23	55100	36500	46100	47900	24400	35900	7100	400	1300	2900	300	643
24	49300	30500	39700	51200	22700	37400	1700	300	659	700	300	434
25	45000	26300	35700	47100	18800	31300	900	300	573	700	200	455
26	49500	27800	38600	46100	14900	31000	3900	300	829	600	100	410
27	45100	29700	37200	45000	25700	34300	900	200	489	700	200	422
28	44700	29500	36200	44400	25100	34700	1500	300	549	700	200	430
29	43200	25700	33600	41800	19500	30500	800	300	606	700	100	410
30	48800	27300	36000	42600	13400	24200	2800	400	777	800	200	436
31	43900	28500	36400	---	---	---	5400	400	968	800	<100	417
MONTH	55100	16000	38600	54900	13400	35100	50800	100	15300	44000	<100	4570

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	900	100	408	700	<100	394	9400	300	2920	5500	100	991
2	500	100	324	700	<100	371	3600	200	1070	3800	200	1730
3	600	<100	368	600	<100	365	3900	<100	659	10500	400	1970
4	600	<100	351	500	<100	349	2600	<100	530	6000	400	1370
5	700	<100	395	600	<100	373	700	<100	329	8300	200	2240
6	800	200	465	600	100	375	1300	<100	358	5600	300	910
7	5400	300	1520	600	<100	321	1400	<100	378	700	<100	383
8	6200	200	1920	500	<100	247	2000	<100	351	1300	<100	378
9	5600	400	1980	500	<100	252	700	<100	156	3800	100	1080
10	7000	500	3140	500	<100	240	1100	<100	238	5100	<100	779
11	16100	1700	6020	600	<100	310	9000	<100	925	2200	<100	406
12	17600	3300	8630	500	<100	200	1100	<100	359	1500	100	357
13	23400	3600	13200	500	<100	293	1600	<100	480	8200	100	923
14	35600	2200	13500	600	<100	314	10800	<100	1190	12400	100	1490
15	36800	1000	12600	600	<100	342	20400	<100	2170	24400	<100	2730
16	58200	1300	20600	800	100	427	4700	<100	898	14800	<100	1480
17	45400	1000	14200	10200	<100	1190	3000	100	651	2900	<100	474
18	40700	700	10000	6200	<100	920	3900	<100	561	1100	<100	300
19	33200	500	7540	4900	<100	668	1100	<100	394	700	<100	291
20	12400	500	3260	18700	<100	1280	600	<100	326	2400	<100	513
21	10600	300	2300	13900	100	1830	700	<100	302	2000	<100	900
22	9500	100	1500	2400	<100	508	500	<100	247	3000	<100	1590
23	24200	300	3610	700	<100	376	600	<100	328	---	---	---
24	700	100	413	1200	<100	415	600	<100	315	---	---	---
25	700	<100	394	800	100	476	500	<100	277	---	---	---
26	500	<100	274	800	100	481	500	<100	254	---	---	---
27	600	<100	315	4200	200	1360	600	<100	273	---	---	---
28	1100	100	480	12600	500	3670	2100	<100	345	---	---	---
29	700	<100	431	8100	600	3380	9100	<100	1050	---	---	---
30	---	---	---	19500	700	7630	1600	200	676	---	---	---
31	---	---	---	17300	500	6100	---	---	---	---	---	---
MONTH	58200	<100	4490	19500	<100	1140	20400	<100	635	24400	<100	1080

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	46800	22200	35000	45600	23100	33500	46400	32200	41200
2	---	---	---	47000	25000	34900	38900	19000	29300	45000	33300	39900
3	---	---	---	43100	23100	33600	37500	14200	26400	46100	30800	39700
4	---	---	---	43700	24700	34600	40400	12300	26800	48500	30800	40300
5	43400	16700	27200	44500	25700	35800	42800	15000	28500	45600	31400	39600
6	34000	17500	25300	44700	24300	35900	41000	18300	28600	47900	32300	42200
7	33300	15100	24300	45400	21500	35200	45400	17500	29300	49000	32300	42600
8	34300	13600	24000	49600	20800	35500	42300	19300	29900	51500	33500	41200
9	37400	13100	24800	49000	25200	36800	43200	20900	30300	50200	35100	43300
10	41800	14600	26400	44100	26500	35200	44700	21000	30900	47100	29900	40800
11	41300	16600	27400	46400	24700	34800	42200	19600	30300	43200	26100	34900
12	43800	15300	28400	49300	27500	36600	37700	20200	28600	38000	13800	25800
13	44000	19400	29900	48900	27300	37700	38700	19400	28000	44800	18600	28600
14	44300	21400	30700	46000	26900	38000	40700	20500	28300	44600	20900	32500
15	55600	19600	31400	48000	28400	36800	41400	18800	29000	46000	23800	33600
16	---	---	---	54300	28900	37000	40300	21100	31100	41300	22600	32800
17	---	---	---	50500	27500	38600	40300	24200	31300	40500	14900	30300
18	---	---	---	52100	19100	37200	39400	23900	31000	45000	24200	35100
19	43500	22500	34100	46100	22500	33900	39500	22300	30200	---	---	---
20	42300	26200	35000	39100	25100	33100	39000	21000	29800	---	---	---
21	41900	26800	34900	37600	24000	31900	42300	22300	31100	---	---	---
22	41700	27700	34900	36700	22300	30300	37200	16000	29200	---	---	---
23	39200	26000	33200	36100	21300	29700	34400	19300	27100	---	---	---
24	---	---	---	37600	20400	29100	45400	18600	28300	---	---	---
25	---	---	---	38000	20400	29200	50900	28300	37400	---	---	---
26	---	19500	34200	41500	20400	30400	50700	24800	44400	---	---	---
27	42300	22000	30300	44300	18100	29900	50700	29800	41700	---	---	---
28	42200	20700	31200	50000	20400	32200	50300	31800	43100	---	---	---
31	---	---	---	51800	22700	36700	44700	29900	40500	---	---	---
MONTH	55600	13100	29900	54300	18100	34300	50900	12300	32100	51500	13800	36900
YEAR	58200	<100	19100									

02172000 LAKE MOULTRIE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40", long 79°59'30", Berkeley County, Hydrologic Unit 03050201, at powerplant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northeast of Pinopolis.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Pinopolis Reservoir.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1924 (levels by South Carolina Public Service Authority). Prior to May 16, 1942 and Feb. 25 to Dec. 14, 1970, nonrecording gage and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation locks; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal (see sta 02170500) from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 33,170,000,000 ft^3 between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 16,600,000,000 ft^3. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 76.21 ft Oct. 14, 1959 (affected by high wind); minimum, 58.52 ft Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.90 ft Dec. 24, minimum, 73.48 ft Dec. 9.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co)

68.0 ft	12.37 ft^3
70.0 ft	16.47 ft^3
72.0 ft	20.91 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.22	74.37	73.90	74.99	74.85	75.07	75.26	75.38	75.06	75.27	75.04	74.68
2	74.23	74.37	73.85	74.94	74.85	74.99	75.26	75.42	75.18	75.23	74.98	74.67
3	74.22	74.34	73.83	74.94	74.85	74.99	75.30	75.43	75.30	75.16	74.92	74.67
4	74.19	74.31	73.77	74.90	74.86	75.00	75.42	75.55	75.42	75.12	74.38	74.37
5	74.25	74.25	73.67	74.89	74.82	75.09	75.42	75.39	75.46	75.15	74.35	74.73
6	74.37	74.23	73.67	74.86	74.90	75.05	75.34	75.47	75.50	75.17	74.35	74.75
7	74.42	74.21	73.58	74.86	74.79	74.89	75.34	75.35	75.48	75.25	74.37	74.68
8	74.49	74.22	73.51	74.83	74.71	74.81	75.30	75.62	75.46	75.27	74.33	74.52
9	74.50	74.25	73.52	74.80	74.71	74.77	75.30	75.45	75.42	75.29	74.33	74.48
10	74.51	74.22	73.65	74.76	74.71	74.81	75.42	75.45	75.34	75.38	74.31	74.33
11	74.47	74.31	74.14	74.73	74.71	74.93	75.38	75.45	75.30	75.39	74.73	74.17
12	74.30	74.18	74.55	74.66	74.75	74.97	75.34	75.45	75.20	75.38	74.61	74.14
13	74.37	74.13	74.81	74.68	74.90	75.05	75.30	75.44	75.12	75.38	74.59	74.09
14	74.38	74.07	74.91	74.57	74.80	75.01	75.34	75.36	75.04	75.45	74.76	74.00
15	74.40	74.04	74.99	74.58	74.86	75.01	75.41	75.32	74.96	75.32	74.35	74.10
16	74.39	74.07	75.08	74.70	74.91	75.01	75.41	75.36	74.84	75.26	74.95	74.22
17	74.38	73.96	75.22	74.88	74.61	75.01	75.41	75.36	74.71	75.20	74.93	74.27
18	74.38	73.98	75.42	75.03	74.53	75.01	75.30	75.36	74.76	75.13	74.92	74.29
19	74.41	74.05	75.49	75.07	74.61	75.04	75.26	75.36	74.70	74.99	75.03	74.29
20	74.23	74.08	75.57	74.99	74.73	74.86	75.26	75.34	74.84	74.97	75.04	74.25
21	74.21	74.12	75.70	74.87	74.81	74.98	75.26	75.30	75.02	74.94	75.19	74.27
22	74.20	74.05	75.79	74.79	74.84	74.94	75.26	75.22	75.12	74.91	75.19	74.26
23	74.27	74.07	75.78	74.79	75.02	74.92	75.42	75.21	75.14	74.94	75.07	74.25
24	74.37	74.28	75.70	74.86	75.02	74.96	75.34	75.17	75.23	75.05	75.02	74.29
25	74.40	74.01	75.65	74.92	75.07	75.16	75.30	75.09	75.22	75.11	75.02	74.23
26	74.44	74.05	75.44	74.99	75.03	75.16	75.26	75.01	75.20	75.17	75.01	74.21
27	74.45	74.02	75.33	75.12	75.24	75.24	75.30	74.93	75.14	75.44	75.03	74.29
28	74.43	74.07	75.29	75.08	75.28	75.37	75.30	74.93	75.13	75.43	74.76	74.29
29	74.46	74.04	75.15	75.05	75.32	75.53	75.30	74.89	75.24	75.38	74.67	74.11
30	74.46	73.95	75.08	75.05	---	75.51	75.38	74.98	75.22	75.26	74.59	74.15
31	74.38	---	75.02	74.89	---	75.33	---	74.98	---	75.18	74.66	---
MAX	74.51	74.37	75.79	75.12	75.32	75.53	75.42	75.62	75.50	75.45	75.19	74.37
MIN	74.19	73.95	73.51	74.57	74.53	74.77	75.26	74.89	74.70	74.91	74.59	74.00
(+)	26.72	25.62	28.37	28.03	29.16	29.19	29.32	28.26	28.90	28.79	27.44	26.13
(*)	202	-39	1,027	-127	451	11	50	-396	247	-41	-504	-505

CAL YR 1983 * 176 MAX 75.79 MIN 70.89
WTR YR 1984 * -2 MAX 75.79 MIN 73.51

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC

LOCATION.—Lat 33°06'58", long 79°57'22", Berkeley County, Hydrologic Unit 03050201, on left bank of Cooper River 1 mi downstream from junction of Mepkin Creek at river mile 36.7.

PERIOD OF RECORD.—May 1982 to current year.

PERIOD OF DAILY REDRD.—
SPECIFIC CONDUCTANCE: May 1982 to current year.

INSTRUMENTATION.—USGS mini-monitor since May 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 369 microsiemens June 19, 1983; minimum, 48 microsiemens May 25, 1982.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 175 microsiemens Oct. 11; minimum, 52 microsiemens Jun. 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	139	94	98	99	94	97	96	92	96	101	90	97
2	108	94	96	98	94	94	94	91	93	95	90	94
3	101	94	97	99	94	95	97	91	93	95	94	95
4	115	94	99	99	94	96	95	90	93	98	94	96
5	135	94	100	100	94	97	95	89	92	98	90	94
6	101	94	110	99	94	97	94	91	92	91	89	90
7	140	99	116	101	98	99	94	91	92	91	89	90
8	161	94	108	104	100	101	95	91	93	91	89	90
9	141	94	107	101	100	101	95	94	94	91	90	91
10	141	94	103	101	100	101	95	94	95	91	90	90
11	175	94	105	104	100	101	95	94	95	94	90	91
12	135	94	103	105	100	103	95	94	94	91	89	90
13	144	94	97	109	104	105	95	94	94	91	89	90
14	100	95	98	109	104	106	95	94	91	91	90	91
15	101	95	98	110	94	101	95	94	95	91	90	91
16	101	99	100	95	91	94	95	94	91	94	90	91
17	101	99	100	95	94	94	95	94	94	95	90	91
18	101	99	100	95	94	95	95	94	95	95	90	91
19	101	99	100	95	94	95	95	94	95	100	90	92
20	101	99	100	95	94	95	98	95	96	94	90	91
21	101	98	100	95	94	95	101	98	99	95	90	91
22	101	98	99	95	94	95	101	99	100	94	90	91
23	101	98	99	95	94	95	101	100	101	95	90	92
24	101	98	100	95	94	94	101	100	100	94	90	91
25	104	99	101	95	94	95	104	100	102	91	90	90
26	104	99	101	95	94	95	101	100	101	91	89	90
27	101	99	100	99	94	95	104	100	101	91	90	91
28	101	98	99	98	94	95	104	100	101	94	90	91
29	101	98	99	98	94	95	101	100	101	95	90	91
30	101	99	99	98	94	95	101	100	100	95	88	90
31	100	98	99	—	—	—	101	99	100	91	88	87
MONTH	175	94	101	110	91	97	104	89	96	101	88	91

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	95	85	90	90	74	79	71	70	71	69	68	68
2	95	88	91	80	78	79	71	70	71	69	67	68
3	95	89	91	81	79	80	71	70	71	68	67	68
4	95	88	90	81	79	80	71	69	70	68	67	68
5	91	85	89	81	80	81	71	69	70	92	66	68
6	91	84	88	81	80	81	71	69	70	93	67	72
7	91	84	86	81	79	80	101	69	72	83	70	72
8	89	80	82	80	75	78	71	70	71	72	69	70
9	85	79	82	80	75	79	71	70	71	72	69	71
10	88	79	84	81	75	78	71	70	71	73	69	71
11	88	75	83	81	75	78	71	70	71	74	70	72
12	85	75	83	81	78	79	71	70	71	73	72	73
13	88	75	82	81	75	79	71	70	70	75	71	72
14	85	75	81	81	75	79	70	69	69	76	71	73
15	85	75	81	80	74	74	73	69	70	76	71	73
16	85	75	80	81	74	74	73	69	70	76	70	74
17	79	75	77	81	74	76	73	69	71	75	70	74
18	78	75	76	80	74	75	73	69	71	75	74	75
19	79	75	77	78	70	75	73	69	72	81	72	74
20	78	75	77	75	70	73	73	69	71	77	72	73
21	78	75	75	71	70	70	72	71	72	80	72	74
22	78	74	75	71	70	70	72	71	72	78	74	76
23	79	74	75	71	70	70	72	70	71	78	74	77
24	80	75	78	71	70	71	71	70	71	79	77	78
25	79	75	78	71	70	70	71	66	70	83	77	78
26	79	75	77	74	70	71	70	66	67	79	77	78
27	79	74	77	71	70	70	69	66	67	79	78	78
28	79	78	79	71	70	70	73	66	69	79	77	79
29	80	78	79	71	70	70	69	63	68	79	77	78
30	—	—	—	71	70	71	68	63	67	78	76	77
31	—	—	—	71	70	71	—	—	—	78	75	77
MONTH	95	74	81	81	70	75	101	63	70	93	66	74

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	77	75	76	91	64	68	82	78	81	96	86	90
2	77	75	76	78	64	70	83	80	81	106	87	93
3	77	75	76	100	73	77	85	83	84	110	90	97
4	80	75	77	90	73	74	89	81	85	117	96	101
5	80	75	76	123	73	82	122	84	89	115	88	98
6	79	75	77	79	73	75	91	86	88	112	90	96
7	78	75	77	79	77	78	127	85	91	105	83	92
8	113	74	77	109	76	79	92	81	86	95	80	84
9	76	72	73	78	73	75	90	78	85	99	77	82
10	103	70	74	82	72	77	97	77	85	81	75	77
11	87	69	72	98	76	79	86	74	81	89	72	76
12	72	67	69	91	76	79	100	72	76	91	67	79
13	69	64	66	85	76	78	89	69	74	85	70	80
14	66	60	64	84	76	78	92	67	77	89	81	84
15	65	59	62	84	76	79	89	70	80	94	84	90
16	63	56	59	89	76	80	133	83	89	98	89	92
17	60	54	56	94	75	80	119	82	89	101	94	96
18	61	52	55	80	74	75	113	82	86	101	95	99
19	81	56	69	80	75	78	92	81	84	101	99	100
20	88	73	75	83	78	80	88	80	84	131	95	107
21	78	73	75	85	77	82	91	80	85	134	84	92
22	78	72	76	83	77	81	90	80	86	88	84	85
23	78	71	74	85	83	84	90	82	84	88	84	85
24	77	70	72	115	82	86	89	79	83	105	84	86
25	90	69	72	90	79	84	103	79	86	89	84	85
26	76	66	71	92	79	82	103	78	86	90	84	86
27	79	68	71	86	78	81	91	80	83	90	84	87
28	78	67	70	86	77	80	85	76	80	90	85	88
29	78	67	69	81	77	78	86	78	81	85	80	81
30	75	65	68	77	75	76	88	80	84	85	80	83
31	—	—	—	81	75	79	93	86	89	—	—	—
MONTH	113	52	71	123	64	79	133	67	84	134	67	89
YEAR	175	52	84									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC

LOCATION.—Lat 33°05'54", long 79°57'17", Berkeley County, Hydrologic Unit 03050201, at Pimlico on right bank, 1.1 mi upstream from Seaboard Coast Line Railroad bridge, 2.1 mi downstream from Molly Branch, 7.8 mi southwest of Moncks Corner, and at mile 35.4.

PERIOD OF RECORD.—October 1975 to current year.

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: April to current year.
pH: April to current year.
WATER TEMPERATURE: August 1975 to current year.
DISSOLVED OXYGEN: April to current year.

INSTRUMENTATION.—Servo Programmer August 1975 to April 1983 USGS water-quality monitor since April 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 126 microsiemens Oct. 8, 1983; minimum, 63 microsiemens May 23, 24, 1983.
pH: Maximum, 7.9 units May 6, 1983; minimum, 6.3 units several days in June, July, and Aug., 1984.
WATER TEMPERATURE: Maximum, 31.4°C July 26-27, 1982; minimum, 2.5°C Jan. 12-13, 1981.
DISSOLVED OXYGEN: Maximum, 13.2 mg/L Jan. 7, 1984; minimum 2.7 mg/L May 30, 1983.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 126 microsiemens Oct. 8; minimum, 65 microsiemens several days in April and May.
pH: Maximum, 7.5 units Dec. 10; minimum, 6.3 units several days in June, July, and Aug.
WATER TEMPERATURE: Maximum, 30.4°C Aug. 15; minimum, 5.9°C Jan. 22, 23.
DISSOLVED OXYGEN: Maximum, 13.2 mg/L Jan. 7; minimum 3.6 mg/L July 2, 3.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	107	94	98	94	92	93	92	92	92	100	90	96
2	108	94	98	94	92	94	92	92	92	94	90	93
3	109	94	98	95	92	94	93	92	93	94	94	94
4	108	94	99	96	93	94	93	92	93	96	94	95
5	113	94	99	96	93	94	93	92	92	96	92	94
6	111	94	99	94	92	94	93	92	93	91	87	89
7	119	94	102	96	93	94	93	92	93	89	87	89
8	126	94	105	96	93	94	94	93	93	88	86	87
9	112	94	99	96	94	94	94	93	93	90	88	89
10	109	94	98	95	93	94	94	93	93	90	88	88
11	103	94	98	94	92	93	94	94	94	92	89	91
12	102	93	96	95	92	93	95	93	94	90	88	88
13	96	90	94	96	93	93	95	94	94	88	87	88
14	96	93	94	94	92	93	95	94	94	89	88	88
15	98	93	95	94	92	93	96	94	95	89	88	89
16	96	94	95	94	92	93	96	94	95	90	88	89
17	96	94	95	92	92	92	96	95	95	90	90	89
18	98	94	96	93	92	92	96	95	96	90	90	90
19	100	94	95	94	92	93	96	95	96	91	89	90
20	102	93	93	94	93	93	97	96	96	90	89	90
21	94	92	94	94	92	93	100	96	98	89	88	89
22	94	93	94	94	92	93	100	97	99	90	88	89
23	95	92	94	94	92	93	102	98	100	90	89	89
24	96	93	96	94	93	93	102	100	101	90	88	89
25	98	94	96	94	92	92	103	101	102	90	88	89
26	100	94	96	94	92	93	102	101	101	89	87	88
27	100	94	95	94	92	93	102	101	101	88	87	88
28	97	93	94	93	92	93	101	100	101	90	88	88
29	96	93	94	93	92	92	101	100	100	88	87	88
30	96	93	94	92	92	92	101	100	100	88	86	87
31	96	92	94	---	---	---	100	100	100	87	86	86
MONTH	126	90	96	96	92	93	103	92	96	100	86	90

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	86	85	86	75	74	75	66	66	66	98	65	66
2	98	86	87	75	74	74	66	66	66	68	65	65
3	88	86	87	75	74	75	78	66	67	66	65	66
4	86	86	86	76	75	75	67	66	67	68	65	68
5	86	85	86	76	75	75	67	66	67	68	65	68
6	86	85	86	76	75	75	72	67	69	68	65	68
7	86	82	84	76	74	76	70	67	69	68	65	68
8	83	76	79	75	73	74	69	67	68	68	65	67
9	80	78	79	74	73	74	72	67	70	68	65	68
10	82	80	80	74	72	73	71	67	69	68	67	68
11	80	80	80	74	72	73	67	66	66	68	65	68
12	80	78	79	74	72	73	68	66	67	68	67	68
13	78	76	77	74	72	73	68	67	67	68	65	68
14	77	76	76	74	72	73	68	69	69	68	65	67
15	78	76	76	73	72	72	68	69	69	68	65	67
16	76	76	76	72	71	72	68	69	69	66	65	66
17	76	75	76	72	70	71	69	70	69	65	65	66
18	76	75	75	70	70	70	68	65	66	66	65	65
19	76	75	75	70	70	70	69	65	66	66	65	65
20	76	75	76	70	69	70	69	65	66	66	65	65
21	76	74	75	70	68	69	68	65	65	66	65	65
22	76	74	75	70	68	68	66	65	65	70	65	68
23	75	74	75	70	68	68	66	65	65	72	70	71
24	77	75	76	68	67	68	66	65	67	72	70	71
25	76	75	75	68	67	68	68	65	68	71	70	71
26	76	74	75	69	68	68	68	65	68	72	70	71
27	75	74	75	68	67	67	68	65	67	72	72	72
28	76	75	76	68	67	67	68	65	66	73	71	72
29	76	74	76	68	68	67	68	65	65	—	70	—
30	—	—	—	68	66	67	68	65	65	72	70	71
31	—	—	—	66	66	66	—	—	—	71	70	71
MONTH	98	74	79	76	66	71	78	65	67	98	65	68

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	71	69	70	76	74	76	80	78	80	87	84	85
2	71	70	70	77	74	76	81	80	81	87	84	85
3	70	70	70	76	75	76	81	80	81	87	84	86
4	71	70	70	76	75	76	82	80	81	87	84	85
5	73	70	71	77	76	76	82	80	81	85	84	84
6	72	70	71	78	76	77	82	80	81	84	83	83
7	72	70	71	78	76	77	82	81	82	84	82	83
8	72	70	71	78	76	77	82	82	82	84	82	83
9	72	69	71	78	76	76	82	82	82	84	82	82
10	72	71	70	78	76	77	83	82	83	83	82	82
11	72	71	71	78	76	77	84	82	83	82	82	82
12	72	72	71	78	76	77	84	82	83	85	82	83
13	72	72	72	78	76	77	84	82	83	84	82	83
14	73	72	72	78	76	77	90	83	86	83	81	82
15	74	72	72	78	76	77	86	83	84	86	82	84
16	73	72	72	78	76	77	86	82	84	86	83	84
17	74	73	73	78	76	77	86	83	84	88	84	86
18	—	—	—	78	76	77	86	83	84	88	84	85
19	78	74	75	78	77	77	86	84	85	88	84	85
20	76	74	75	78	77	77	86	84	85	86	84	84
21	77	75	76	78	77	77	87	84	86	86	84	84
22	78	77	78	78	77	78	86	83	85	86	84	85
23	78	74	77	78	77	78	84	82	83	88	85	86
24	76	74	76	78	78	78	84	82	83	88	84	86
25	76	74	75	78	78	78	84	82	82	88	84	86
26	76	74	75	78	78	78	84	82	83	86	83	85
27	76	74	75	79	78	79	84	82	82	87	84	85
28	77	76	76	80	78	79	82	81	82	90	84	87
29	78	76	77	79	78	78	84	82	82	84	82	82
30	78	76	77	79	78	78	85	82	83	84	82	83
31	—	—	—	79	78	78	85	82	84	—	—	—
MONTH	78	69	73	80	74	77	90	78	83	90	81	84
YEAR	126	65	82									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC—Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	6.9	7.2	7.0	7.2	7.1	7.4	7.2	7.0	6.9	7.0	6.8
2	7.0	6.9	7.2	7.0	7.4	7.1	7.3	7.2	7.0	6.8	7.0	6.9
3	7.0	6.8	7.2	6.9	7.3	7.0	7.3	7.2	7.0	6.9	7.0	6.9
4	7.0	6.8	7.1	6.9	7.3	7.0	7.3	7.1	7.0	6.9	7.0	6.9
5	7.1	6.8	7.2	6.9	7.3	7.0	7.3	7.1	7.1	6.9	6.9	6.8
6	7.1	6.8	7.2	7.0	7.1	7.1	7.2	7.1	7.1	6.9	6.9	6.8
7	7.1	6.8	7.2	6.9	7.3	7.1	7.2	7.0	7.1	7.0	6.8	6.8
8	7.1	6.9	7.0	6.9	7.4	7.1	7.2	7.1	7.1	7.0	6.8	6.7
9	7.1	6.8	7.0	6.9	7.4	7.1	7.2	7.1	7.1	7.0	6.9	6.8
10	7.1	6.8	7.0	6.8	7.5	7.1	7.1	7.0	7.1	7.0	6.9	6.8
11	7.1	6.9	7.2	6.9	7.2	7.0	7.0	7.0	7.0	6.9	6.9	6.8
12	7.1	6.8	7.2	7.0	7.2	7.0	7.0	7.0	7.0	6.9	6.9	6.8
13	7.0	6.9	7.2	7.1	7.4	7.0	7.0	7.0	6.9	6.5	6.9	6.8
14	6.9	6.8	7.2	7.2	7.3	7.1	7.0	6.9	6.9	6.8	6.9	6.8
15	6.9	6.8	7.2	7.1	7.2	7.0	7.0	6.9	6.9	6.8	6.8	6.7
16	7.0	6.9	7.2	7.1	7.3	7.0	7.0	6.9	6.9	6.8	6.8	6.7
17	7.2	6.9	7.4	7.2	7.3	7.1	7.0	6.9	6.9	6.8	6.8	6.7
18	7.2	6.9	7.4	7.1	7.2	7.1	6.9	6.9	6.9	6.8	6.8	6.7
19	7.2	6.9	7.3	7.1	7.3	7.1	6.9	6.9	6.9	6.8	6.7	6.7
20	7.1	7.0	7.2	7.0	7.3	7.1	6.9	6.9	6.8	6.7	6.7	6.6
21	7.1	6.9	7.2	7.0	7.2	7.1	7.0	7.0	6.8	6.7	6.7	6.7
22	7.1	6.9	7.3	7.0	7.2	7.1	7.0	7.0	6.8	6.7	6.7	6.7
23	7.1	6.9	7.3	7.0	7.2	7.1	7.0	6.9	6.8	6.7	6.7	6.7
24	7.1	6.8	7.2	7.0	7.3	7.1	7.0	6.9	6.8	6.7	6.7	6.6
25	7.0	6.8	7.4	7.0	7.4	7.2	6.9	6.9	6.9	6.7	6.7	6.6
26	7.1	6.9	7.2	7.1	7.4	7.2	7.0	6.9	6.9	6.8	6.7	6.6
27	7.2	7.0	7.3	7.0	7.4	7.2	6.9	6.9	6.8	6.7	6.7	6.6
28	7.2	7.0	7.1	7.0	7.3	7.2	7.0	6.9	6.8	6.7	6.6	6.6
29	7.1	6.9	7.3	7.1	7.2	7.1	7.0	6.9	6.9	6.8	6.7	6.6
30	7.1	7.0	7.3	7.1	7.4	7.1	7.0	6.9	—	—	6.7	6.7
31	7.1	7.0	—	—	7.4	7.3	7.0	6.9	—	—	6.7	6.7
MONTH	7.2	6.8	7.4	6.8	7.5	7.0	7.4	6.9	7.1	6.5	7.0	6.6

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.7	6.6	6.9	6.6	7.0	6.6	6.6	6.3	6.8	6.6	6.8	6.6
2	6.7	6.6	6.7	6.6	7.0	6.7	6.6	6.4	6.7	6.6	6.8	6.6
3	6.7	6.7	6.7	6.6	7.1	6.7	6.7	6.5	6.8	6.6	6.7	6.6
4	6.6	6.6	7.0	6.6	6.9	6.6	6.7	6.5	6.8	6.6	6.8	6.6
5	6.7	6.6	7.0	6.7	6.8	6.5	6.7	6.4	6.8	6.6	6.7	6.5
6	6.8	6.6	6.8	6.6	6.7	6.5	6.6	6.5	6.8	6.6	6.7	6.6
7	6.9	6.7	6.8	6.6	6.7	6.5	6.7	6.5	6.8	6.6	6.8	6.6
8	6.8	6.7	6.8	6.6	6.6	6.5	6.7	6.5	7.0	6.7	6.8	6.6
9	6.8	6.7	6.9	6.6	6.6	6.5	6.7	6.5	6.9	6.7	6.8	6.6
10	6.8	6.7	6.9	6.7	6.6	6.5	6.7	6.5	6.8	6.6	6.8	6.6
11	6.8	6.6	6.9	6.6	6.6	6.5	6.7	6.5	6.9	6.5	6.8	6.7
12	6.7	6.7	6.8	6.6	6.6	6.4	6.7	6.5	6.8	6.6	6.9	6.6
13	6.7	6.6	6.8	6.6	6.5	6.4	6.8	6.5	6.7	6.5	6.9	6.6
14	6.8	6.7	6.8	6.6	6.5	6.4	6.7	6.5	6.7	6.3	6.9	6.7
15	6.8	6.7	7.0	6.6	6.5	6.4	6.7	6.6	6.7	6.4	6.9	6.6
16	6.8	6.7	7.0	6.7	6.6	6.4	6.8	6.6	6.6	6.5	6.8	6.6
17	6.8	6.7	7.1	6.6	6.5	6.4	6.7	6.5	6.7	6.5	6.7	6.6
18	6.8	6.7	7.1	6.7	—	6.4	6.8	6.6	6.7	6.5	6.8	6.7
19	6.8	6.7	6.9	6.7	6.5	—	6.7	6.6	6.7	6.4	6.8	6.7
20	6.7	6.7	6.9	6.6	6.5	6.3	6.8	6.6	6.6	6.4	6.8	6.7
21	6.8	6.6	6.9	6.6	6.4	6.3	6.8	6.6	6.5	6.4	6.7	6.6
22	6.7	6.6	6.8	6.6	6.4	6.3	6.8	6.6	6.6	6.5	6.8	6.6
23	6.7	6.6	6.6	6.5	6.5	6.3	6.8	6.6	6.7	6.5	6.7	6.6
24	6.7	6.6	6.8	6.5	6.5	6.4	6.7	6.6	6.7	6.5	6.8	6.6
25	6.8	6.6	6.8	6.6	6.6	6.4	6.7	6.6	6.7	6.5	6.8	6.6
26	6.9	6.7	6.8	6.6	6.6	6.4	6.7	6.6	6.8	6.5	6.8	6.6
27	6.8	6.7	6.6	6.5	6.5	6.5	6.8	6.6	6.8	6.6	6.8	6.6
28	6.9	6.7	—	6.5	6.5	6.4	6.9	6.6	6.8	6.6	6.8	6.6
30	6.7	6.6	6.7	6.5	6.6	6.3	6.8	6.6	6.8	6.5	6.8	6.6
31	—	—	6.8	6.6	—	—	6.8	6.6	6.7	6.5	—	—
MONTH	6.9	6.6	7.1	6.5	7.1	6.3	6.9	6.3	7.0	6.3	6.9	6.5
YEAR	7.5	6.3										

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

(TOP)

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.0	22.5	23.0	19.5	19.0	19.5	14.5	14.0	14.5	7.0	7.0	6.5
2	23.5	23.0	23.0	19.5	19.0	19.5	14.5	14.0	14.5	7.0	7.0	6.5
3	23.5	23.0	23.5	19.5	19.0	19.5	15.0	14.5	14.5	7.0	7.0	6.5
4	24.0	23.0	23.5	19.5	19.0	19.5	15.5	15.0	15.0	7.5	7.5	6.5
5	24.0	23.0	23.5	19.0	18.5	18.5	15.5	14.5	15.0	7.5	7.5	7.0
6	24.0	23.5	24.0	18.5	18.0	18.0	15.5	15.0	15.0	7.5	7.5	7.0
7	24.0	23.0	23.5	18.0	18.0	18.0	15.0	14.0	14.5	7.5	7.5	7.0
8	23.5	23.0	23.0	18.0	18.0	18.0	14.5	14.0	14.0	7.5	7.5	7.0
9	23.0	22.5	23.0	18.0	18.0	18.0	14.5	14.0	14.0	7.5	7.5	7.5
10	23.0	22.5	23.0	18.5	18.0	18.0	14.5	14.0	14.0	8.0	7.5	7.5
11	22.5	22.5	22.5	18.5	17.5	18.0	14.5	14.0	14.0	8.0	7.5	7.5
12	23.0	22.5	22.5	17.5	17.0	17.0	14.5	14.0	14.5	7.5	7.0	7.5
13	23.0	23.0	23.0	16.5	16.0	16.5	14.5	14.0	14.5	7.5	6.5	7.0
14	22.5	22.5	22.5	16.5	15.5	16.0	14.5	14.0	14.5	7.0	6.5	6.5
15	22.5	22.0	22.0	16.5	16.0	16.5	14.5	14.0	14.0	7.0	6.5	7.0
16	22.0	21.5	21.5	16.5	15.5	16.0	14.0	13.5	14.0	7.0	6.5	7.0
17	22.5	21.5	22.0	15.5	15.0	15.5	14.0	13.5	14.0	7.0	7.0	7.0
18	22.5	22.0	22.0	15.0	15.0	15.0	13.5	13.0	13.5	7.5	7.0	7.0
19	22.5	22.0	22.5	15.5	15.0	15.0	13.5	13.0	13.0	7.5	7.0	7.5
20	22.0	21.5	22.0	15.5	15.0	15.0	13.0	12.5	12.5	7.5	6.5	7.0
21	21.5	21.0	21.0	15.0	14.5	15.0	13.0	11.5	12.0	7.0	6.5	6.5
22	21.0	20.5	20.5	15.0	14.5	15.0	12.0	11.5	12.0	6.5	6.0	6.5
23	21.0	20.5	21.0	15.0	14.5	15.0	11.5	11.0	11.5	6.5	6.0	6.5
24	21.5	21.0	21.0	15.5	15.0	15.0	11.0	10.0	11.0	6.5	6.5	6.5
25	21.5	21.0	21.0	15.0	14.5	15.0	10.0	8.5	9.0	7.0	6.5	7.0
26	21.0	20.5	21.0	14.5	14.0	14.5	8.5	7.5	8.0	7.0	6.5	7.0
27	20.5	20.0	20.0	15.0	14.5	15.0	8.0	7.5	8.0	7.0	6.5	7.0
28	20.0	19.5	19.5	15.0	14.5	15.0	8.5	8.0	8.5	7.5	7.0	7.0
29	20.0	19.5	19.5	15.0	14.5	15.0	8.5	8.5	8.5	8.0	7.0	7.5
30	20.0	19.5	19.5	14.5	14.0	14.5	8.5	7.5	8.0	8.0	7.5	7.5
31	19.5	19.0	19.0	—	—	—	7.5	6.5	7.0	7.5	7.0	7.5
MONTH	24.0	19.0	22.0	19.5	14.0	16.5	15.5	6.5	12.5	8.0	6.0	7.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	7.0	7.5	10.5	9.5	10.0	16.0	15.0	15.5	19.0	18.5	18.5
2	8.0	7.0	7.5	10.0	9.5	9.5	16.0	15.0	15.5	19.0	19.5	19.5
3	8.0	7.5	7.5	10.5	9.5	10.0	15.5	15.0	15.5	19.0	19.0	19.0
4	8.5	8.0	8.0	10.5	9.5	10.0	16.0	15.0	15.5	20.0	19.0	19.0
5	8.5	8.0	8.0	10.5	10.0	10.0	16.0	15.5	15.5	20.5	19.0	19.5
6	8.5	7.5	8.0	11.0	10.5	11.0	16.0	15.0	15.5	20.5	19.0	20.0
7	8.0	7.5	7.5	11.0	10.5	11.0	16.5	15.0	15.5	21.0	20.0	20.5
8	8.0	7.0	7.5	11.5	10.5	11.0	16.5	15.0	15.5	21.5	20.5	21.0
9	8.0	7.0	7.5	11.5	10.5	11.0	16.5	15.5	15.5	21.5	20.5	21.0
10	8.5	7.0	7.5	11.5	10.5	11.0	15.5	15.5	15.5	21.5	20.5	21.0
11	8.5	7.5	8.0	11.5	10.5	11.0	16.0	15.0	15.5	21.5	20.5	21.0
12	9.0	8.0	8.5	11.5	10.5	11.0	16.0	15.0	15.5	21.5	20.5	21.0
13	10.0	8.0	8.5	12.0	11.0	11.5	16.0	15.0	15.5	21.5	20.0	21.0
14	9.5	8.5	9.0	.0	11.5	12.0	16.0	15.5	15.5	22.0	20.0	21.0
15	10.0	9.0	9.5	13.0	12.0	12.5	17.0	16.0	16.0	22.0	20.0	21.0
16	10.5	9.5	10.0	13.0	11.5	12.5	17.5	16.0	16.5	22.0	20.0	21.0
17	10.5	10.0	10.5	13.5	12.5	13.0	17.0	17.0	16.5	22.0	20.0	21.0
18	11.5	10.0	11.0	13.5	12.5	13.0	17.5	16.5	17.0	22.0	20.0	21.0
19	11.0	10.0	10.5	13.5	12.0	12.5	18.0	16.5	17.5	22.0	20.0	21.0
20	11.0	10.0	10.5	13.5	12.5	13.0	18.0	17.5	17.5	22.0	20.0	21.0
21	11.5	10.5	11.0	13.5	12.5	13.0	18.0	16.5	17.5	22.0	20.0	21.0
22	11.5	10.5	11.0	14.0	13.0	13.5	18.5	16.5	18.0	22.5	21.5	22.0
23	11.0	10.5	10.5	14.5	13.5	14.0	18.5	17.0	18.0	22.0	22.0	22.0
24	12.0	11.0	11.5	15.0	14.0	14.5	19.0	17.0	18.0	22.5	22.0	22.0
25	12.0	11.0	11.5	16.0	14.0	15.0	19.0	17.5	18.0	23.0	22.0	22.5
26	12.0	11.0	11.5	15.5	14.5	15.0	18.5	17.5	18.0	23.5	22.5	23.0
27	11.5	11.0	11.5	15.0	15.0	15.0	19.5	17.5	18.0	23.0	22.5	23.0
28	11.5	10.5	11.0	16.0	15.0	15.5	19.5	18.5	19.0	23.0	22.5	—
30	—	—	—	15.5	15.0	15.5	19.5	18.0	19.0	23.0	22.5	22.0
31	—	—	—	15.5	14.5	15.0	—	—	—	22.5	22.0	22.0
MONTH	12.0	7.0	9.5	16.0	9.5	12.5	19.5	15.0	16.5	23.5	18.5	21.0

BEST COPY A

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

(BOTTOM)

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.5	22.0	22.0	28.0	27.0	27.5	28.0	27.5	27.5	29.0	28.5	28.5
2	23.0	22.5	22.5	28.0	27.0	27.5	27.5	27.5	27.5	29.0	28.0	28.5
3	23.5	23.0	23.0	28.5	27.5	28.0	28.5	27.5	28.0	29.0	28.0	28.5
4	23.5	23.0	23.0	28.5	27.5	28.0	28.5	28.0	28.0	29.0	28.0	28.5
5	23.5	23.0	23.0	28.0	27.5	28.0	29.0	28.0	28.5	28.0	28.0	28.0
6	23.5	23.0	22.5	28.0	27.5	27.5	29.0	28.0	28.5	27.5	27.0	27.5
7	23.5	23.0	23.0	28.5	27.5	28.0	29.5	28.5	29.0	27.5	27.0	27.0
8	23.5	22.5	23.0	28.0	27.5	28.0	30.0	29.0	29.5	27.0	26.0	26.5
9	24.0	23.0	23.5	28.0	27.5	28.0	30.0	29.5	30.0	26.5	26.0	26.0
10	24.0	23.0	24.0	28.0	27.5	27.5	30.0	29.5	29.5	26.0	25.5	25.5
11	25.0	23.5	24.0	28.5	27.5	28.0	30.0	29.0	29.5	25.5	25.0	25.5
12	25.0	24.0	24.5	28.5	27.5	28.0	30.0	29.0	29.5	26.0	25.0	25.5
13	25.0	24.5	24.5	28.5	28.0	28.0	30.0	29.0	29.5	25.5	25.5	25.5
14	25.5	24.5	25.0	28.0	28.0	28.0	30.0	29.0	29.5	26.5	25.5	26.0
15	25.5	24.5	25.0	28.5	27.5	28.0	30.5	29.5	30.0	26.5	25.5	26.0
16	26.0	24.5	25.0	28.5	27.5	28.0	30.5	30.0	.0	26.0	24.5	.0
17	26.0	24.5	25.0	28.5	28.0	28.5	30.5	29.5	30.0	24.5	24.0	25.5
18	---	---	---	28.0	28.0	28.0	30.0	29.5	30.0	24.0	23.5	.0
19	27.5	25.0	27.5	28.5	28.0	28.0	29.5	29.0	29.5	24.0	23.5	24.0
20	28.0	27.0	27.5	28.0	27.5	28.0	29.0	29.0	29.0	24.0	23.5	24.0
21	28.0	27.5	28.0	28.0	27.5	27.5	29.0	28.5	29.0	24.0	23.5	23.5
22	27.5	27.5	27.5	28.0	27.5	27.5	29.0	28.5	28.5	24.0	23.5	24.0
23	27.5	27.0	27.5	28.0	27.5	27.5	29.0	28.5	28.5	24.0	23.5	24.0
24	28.0	27.0	27.5	28.0	27.5	27.5	29.0	28.5	28.5	24.0	23.5	24.0
25	28.5	28.0	28.0	28.5	27.5	28.0	28.5	28.0	28.5	24.5	23.5	24.0
26	28.5	28.0	28.0	28.5	27.5	28.0	28.5	28.0	28.5	24.5	23.5	24.0
27	28.0	27.5	28.0	28.5	27.5	28.0	28.5	28.0	28.0	24.5	24.0	24.0
28	28.0	27.0	27.5	28.5	27.5	28.0	28.5	28.0	28.0	24.0	22.5	23.0
29	27.5	27.0	27.5	28.0	27.5	28.0	29.0	27.5	28.0	23.0	22.0	22.5
30	28.0	27.0	27.5	28.0	27.5	27.5	29.0	28.0	28.5	22.0	21.5	21.5
31	---	---	---	28.0	27.5	27.5	29.0	28.0	28.5	---	---	---
MONTH	28.5	22.0	25.5	28.5	27.0	28.0	30.5	27.5	29.0	29.0	21.5	23.5
YEAR	30.5	6.0	18.5									

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02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.6	7.4	7.6	7.9	7.5	7.7	8.6	8.5	8.5	10.9	10.6	10.3
2	7.6	7.3	7.6	8.0	7.5	7.8	8.7	8.3	8.6	11.1	10.7	10.9
3	7.7	7.3	7.5	8.1	7.5	7.8	9.2	8.3	8.9	11.2	10.9	11.1
4	7.5	7.3	7.5	8.1	7.8	8.0	9.2	9.0	9.0	11.5	11.1	11.4
5	7.6	7.2	7.5	7.8	7.4	7.6	9.2	9.0	9.0	12.0	11.5	11.8
6	7.6	7.3	7.5	7.7	7.2	7.5	9.5	9.2	9.3	12.4	11.8	12.1
7	7.6	7.2	7.4	7.8	7.3	7.7	9.3	9.3	9.2	13.2	12.4	12.8
8	7.4	7.0	7.2	8.0	7.8	7.9	9.6	9.4	9.4	—	—	—
9	7.2	7.0	7.2	8.4	8.0	8.2	9.5	9.5	9.4	—	—	—
10	7.2	7.0	7.2	8.5	8.2	8.4	9.6	9.6	9.5	—	—	—
11	7.2	7.0	7.2	8.4	7.5	8.1	9.7	9.8	9.6	—	—	—
12	7.3	7.0	7.2	7.9	7.4	7.7	9.8	10.0	9.8	—	—	—
13	7.3	7.2	7.3	7.8	7.3	7.6	10.1	10.1	10.0	—	—	—
14	7.3	7.2	7.3	7.8	7.7	7.6	10.3	10.2	10.2	—	—	—
15	7.2	6.9	7.1	8.3	7.7	8.1	10.5	10.4	10.3	—	—	—
16	7.2	6.8	7.1	8.2	8.0	7.7	10.5	10.5	10.4	—	—	—
17	7.4	7.0	7.3	8.1	8.0	8.1	10.6	10.6	10.5	—	—	—
18	7.5	7.1	7.4	8.1	7.9	8.1	10.6	10.7	10.6	—	10.6	11.0
19	7.6	7.2	7.5	8.2	7.9	8.1	10.8	10.8	10.8	11.5	10.3	10.7
20	7.6	7.3	7.5	8.4	8.0	8.1	10.9	10.8	10.8	11.0	10.8	10.7
21	7.4	7.2	7.3	6.2	8.0	8.1	11.1	10.8	11.0	11.3	11.1	11.1
22	7.4	7.1	7.3	8.2	8.0	8.1	10.9	10.6	10.9	11.4	11.1	11.3
23	7.5	7.3	7.5	8.5	8.2	8.3	10.9	10.4	10.9	11.4	10.9	11.2
24	7.8	7.3	7.6	8.6	8.1	8.4	10.9	10.2	10.8	11.0	10.7	11.1
25	7.7	7.3	7.5	8.3	8.1	8.3	10.6	10.2	10.6	11.0	11.0	11.0
26	7.7	7.3	7.5	8.3	8.2	8.3	10.5	10.3	10.4	11.2	10.5	11.4
27	7.6	7.1	7.4	8.5	8.3	8.4	10.5	10.5	10.5	11.6	10.5	11.1
28	7.5	7.0	7.3	8.7	8.4	8.5	10.7	10.6	10.6	11.5	10.8	10.9
29	7.6	7.2	7.4	8.5	8.4	8.5	10.8	10.6	10.8	11.1	10.8	11.0
30	7.6	7.4	7.5	8.6	8.4	8.5	10.8	10.6	10.8	11.2	10.6	11.0
31	7.7	7.3	—	—	—	—	10.8	10.6	10.7	11.1	10.6	10.8
MONTH	7.8	6.8	7.4	8.7	7.2	8.0	11.1	8.5	10.1	13.2	10.3	11.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.8	10.6	10.8	11.6	10.1	10.6	8.0	7.8	8.0	9.0	7.6	8.3
2	11.1	10.6	10.8	11.0	10.3	10.7	8.0	7.7	7.9	9.2	7.5	8.4
3	10.8	10.3	10.5	10.7	10.0	10.3	8.4	6.2	8.0	9.2	7.7	8.4
4	10.5	10.1	10.3	10.1	9.7	9.9	8.0	7.6	7.9	9.1	7.5	8.3
5	10.5	9.9	10.2	9.9	9.4	9.6	8.1	7.7	7.9	8.8	7.6	8.1
6	10.6	10.0	10.4	9.7	9.4	9.6	7.7	7.1	7.4	7.9	7.5	7.7
7	10.9	10.5	10.7	9.7	8.5	9.5	7.7	7.1	7.4	8.0	7.5	7.8
8	11.6	10.7	11.3	1.0	9.4	9.5	7.5	7.2	7.4	8.0	7.5	7.7
9	11.6	11.3	11.5	10.8	10.2	10.5	7.6	7.2	7.0	8.7	7.5	8.0
10	11.5	11.2	11.4	11.4	10.3	10.6	7.6	8.0	7.4	9.3	7.5	8.4
11	11.4	11.0	11.2	11.5	10.6	11.0	8.6	7.9	8.5	8.9	7.5	8.2
12	11.2	10.8	11.1	11.5	11.0	11.3	8.6	8.1	8.4	8.8	7.5	8.2
13	11.1	10.4	10.6	9.9	10.0	11.0	8.4	8.2	8.3	8.8	7.5	8.0
14	10.6	10.2	10.5	9.1	7.3	.0	8.6	8.1	8.4	7.5	7.0	7.3
15	10.3	9.8	10.0	9.2	8.0	8.5	8.6	8.1	8.4	7.8	7.2	7.6
16	9.8	9.1	9.4	9.2	8.6	9.0	8.5	8.1	8.3	7.9	7.2	7.5
17	9.2	8.7	9.0	9.2	7.5	8.9	8.4	7.2	8.3	7.4	7.2	7.3
18	9.1	8.7	9.0	9.3	8.7	9.0	7.9	7.5	7.7	7.4	7.2	7.4
19	9.0	8.6	8.8	9.4	8.8	9.1	8.0	7.5	7.8	7.4	7.2	7.3
20	8.8	8.0	8.5	9.3	8.8	9.1	7.9	7.5	7.7	7.4	7.2	7.3
21	9.3	7.8	8.1	9.3	8.9	9.1	9.3	7.5	8.2	7.6	7.1	7.4
22	8.0	7.7	7.9	9.2	8.7	9.1	8.7	7.5	7.9	7.7	7.2	7.5
23	7.9	7.6	7.8	9.0	8.8	9.1	8.7	7.5	7.9	7.7	7.3	7.6
24	8.1	7.4	7.8	8.6	8.5	8.8	8.7	7.5	7.8	7.4	5.0	6.2
25	8.6	7.8	8.3	8.6	5.9	7.0	8.0	7.5	7.7	5.2	4.7	5.0
26	9.0	8.3	8.7	6.6	5.8	6.3	9.4	7.5	8.4	6.0	5.0	5.6
27	9.0	8.8	8.9	6.5	6.2	6.4	9.0	7.5	8.4	6.9	5.7	6.4
28	9.2	8.9	9.1	7.3	6.4	6.8	9.2	7.5	8.3	6.9	4.1	5.5
31	—	—	—	8.1	7.6	7.9	—	—	—	7.3	5.7	6.6
MONTH	11.6	7.4	9.7	11.6	5.8	8.8	9.4	6.2	8.0	9.3	4.1	7.4

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.6	6.3	7.0	4.2	3.8	4.1	5.6	5.3	5.3	4.4	4.3	4.4
2	7.3	6.0	6.7	3.9	3.6	3.8	5.3	5.3	5.4	4.4	4.3	4.4
3	—	—	—	4.0	3.6	3.9	5.4	5.2	5.4	4.4	4.3	4.4
4	—	—	—	4.5	4.0	4.2	5.4	5.4	5.5	4.4	4.3	4.4
5	—	—	—	4.7	4.3	4.5	5.5	5.4	5.5	4.4	4.3	4.4
6	—	—	—	4.8	4.6	4.7	5.5	5.4	5.6	4.3	4.3	4.4
7	5.6	4.6	5.0	5.2	4.8	5.0	5.6	5.5	5.6	4.4	4.3	4.4
8	5.2	5.0	5.0	5.6	5.2	5.4	5.6	5.5	5.6	4.4	4.3	4.4
9	6.0	5.3	5.4	5.9	5.5	5.8	5.6	5.5	5.6	4.4	4.3	4.4
10	6.0	5.7	5.7	6.2	5.8	6.0	5.6	5.5	5.6	4.4	4.3	4.5
11	6.2	6.0	6.1	6.4	6.1	6.3	5.6	5.5	5.6	4.3	4.3	4.4
12	6.8	6.3	6.4	6.4	5.3	6.0	5.6	5.5	5.6	4.3	4.3	4.4
13	7.4	6.7	6.7	5.5	5.3	5.4	5.6	5.5	5.5	4.4	4.3	4.4
14	7.7	7.0	6.8	5.7	5.3	5.5	5.5	5.4	5.5	4.4	4.3	[illegible]
15	—	—	—	5.8	5.5	5.6	5.6	5.4	5.5	4.3	4.3	4.4
16	—	—	—	5.9	5.6	5.7	5.5	5.4	5.5	4.3	4.1	4.4
17	—	—	—	6.0	5.7	5.8	5.6	5.4	5.4	4.4	4.2	4.3
18	—	—	—	6.0	5.8	5.9	5.5	5.3	5.4	4.4	4.2	4.4
19	6.9	5.4	7.5	6.1	5.8	6.0	5.4	5.3	5.3	4.4	4.2	4.4
20	6.3	6.2	7.1	6.0	5.9	6.0	5.4	5.2	5.3	6.1	5.9	4.3
21	6.1	5.9	6.3	6.0	5.9	6.0	5.3	5.1	5.2	6.1	5.9	6.0
22	5.9	5.5	5.9	5.9	5.9	6.0	5.2	4.9	5.5	6.0	6.0	6.1
23	5.8	5.4	5.7	6.0	5.9	6.0	5.8	5.4	5.6	6.1	6.0	6.1
24	5.9	5.5	5.7	6.0	5.8	5.9	5.7	5.3	5.5	6.1	6.0	6.1
25	5.9	5.4	5.7	6.1	5.8	6.0	5.5	4.6	5.4	6.1	6.0	6.0
26	5.6	5.3	5.6	6.1	5.8	6.0	5.5	4.6	4.7	6.1	5.9	6.0
27	5.4	5.2	5.5	6.1	5.7	6.1	4.7	4.5	4.7	6.0	5.7	5.9
28	5.0	4.8	5.0	6.1	5.7	5.9	4.7	4.6	4.7	6.0	5.7	5.9
29	4.7	4.6	4.8	6.2	5.5	5.9	4.8	4.6	4.8	6.0	5.7	5.9
30	4.7	4.1	4.4	6.1	5.3	5.8	4.8	4.3	4.6	6.0	5.7	5.9
31	—	—	—	5.9	5.1	5.6	4.8	4.3	4.4	—	—	—
MONTH	7.7	4.1	5.9	6.4	3.6	5.5	5.8	4.3	5.3	6.1	4.1	4.9
YEAR	13.2	3.6	7.6									

BEST

02172025 COOPER RIVER AT INLET TO BACK RIVER NEAR KITTREDGE, SC

LOCATION.--Lat 33°05'05", long 79°56'47", Berkeley County, Hydrologic Unit 03050201, on right bank at mouth of Durham Canal, 1.3 mi downstream of Seaboard Coast Line Railroad bridge and at mile 33.2.

PERIOD OF RECORD.--October 1980 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to current year

INSTRUMENTATION.--USGS mini-monitor since October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 420 microsiemens May 18, 1982; minimum, 48 microsiemens Mar. 18, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 275 microsiemens Oct. 8; minimum, 62 microsiemens Mar 30, 31, Apr. 1,5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	198	104	124	104	98	100	97	95	96	99	87	95
2	149	107	123	105	99	101	97	95	96	92	88	90
3	185	108	125	108	99	102	99	96	97	93	90	91
4	159	105	129	110	99	103	100	96	97	94	90	91
5	172	104	126	116	99	103	102	96	98	96	86	91
6	164	106	128	105	98	101	98	96	97	93	84	87
7	243	106	143	110	99	102	108	96	99	102	82	87
8	275	118	165	114	99	103	98	96	97	84	82	83
9	172	110	133	110	99	102	104	97	98	94	82	85
10	167	103	125	102	99	101	103	97	98	85	83	84
11	151	105	121	105	98	101	99	98	98	87	84	85
12	117	103	109	108	98	101	101	98	99	88	83	84
13	108	100	102	101	98	99	103	98	99	85	82	83
14	117	98	103	101	97	99	104	98	99	85	83	84
15	108	98	101	99	96	98	102	99	100	89	83	84
16	105	99	102	104	98	99	111	96	99	86	84	85
17	107	99	102	100	97	99	106	97	98	87	85	85
18	121	99	105	122	97	103	99	96	97	90	84	86
19	124	100	109	120	97	105	99	96	97	89	84	86
20	125	98	108	125	97	107	99	97	98	97	84	87
21	101	97	99	128	96	108	101	97	99	89	84	85
22	102	97	99	102	96	98	103	100	101	92	83	85
23	104	98	100	99	97	97	102	100	102	96	84	86
24	104	98	101	99	97	98	108	101	103	98	84	86
25	110	100	104	111	95	98	115	101	106	107	84	90
26	122	101	107	105	95	98	105	102	103	110	83	86
27	115	101	106	98	97	97	104	101	103	98	82	85
28	114	100	104	98	96	97	103	98	101	100	83	87
29	106	98	102	102	95	97	107	98	99	105	83	88
30	107	98	102	101	95	97	107	97	99	105	81	86
31	105	99	102	—	—	—	128	100	100	96	81	84
MONTH	275	97	113	128	95	100	128	95	99	110	81	86

02172025 COOPER RIVER AT INLET TO BACK RIVER NEAR KITTREDGE, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	92	81	82	85	70	73	64	62	63	77	68	70
2	87	81	82	72	70	71	65	63	63	79	68	70
3	98	81	83	73	70	71	68	63	64	74	68	70
4	88	80	83	72	71	71	64	63	64	81	68	71
5	93	80	83	73	71	72	75	62	66	76	67	69
6	100	80	86	76	70	72	82	64	68	82	68	71
7	84	78	80	76	71	73	74	63	65	83	69	72
8	79	72	76	74	68	71	68	63	65	76	69	71
9	78	72	74	83	69	73	65	64	64	81	68	71
10	81	76	77	73	68	70	66	63	65	72	68	69
11	87	75	77	76	68	70	68	64	65	70	68	69
12	83	75	76	75	69	70	65	64	63	71	69	70
13	79	72	74	70	69	69	66	65	66	74	69	71
14	75	71	72	73	69	70	67	66	66	77	70	71
15	77	72	73	76	67	69	70	66	67	77	69	70
16	76	71	73	70	67	68	72	66	67	74	69	71
17	73	70	71	70	66	68	79	67	69	73	70	71
18	73	70	72	67	66	67	84	67	71	73	71	72
19	74	70	72	68	66	67	75	67	69	80	72	74
20	75	70	72	68	65	66	82	67	70	83	71	74
21	74	70	71	74	65	68	84	67	70	74	71	73
22	72	69	71	83	65	70	71	68	69	74	72	73
23	84	69	73	88	65	70	79	68	73	74	72	73
24	98	71	81	68	64	65	85	70	78	78	73	74
25	96	70	75	71	63	65	82	67	69	85	73	75
26	100	70	74	83	64	69	75	67	69	77	71	74
27	72	69	70	81	63	67	70	68	68	77	71	72
28	84	70	75	66	63	64	70	67	69	80	69	72
29	90	71	79	79	64	70	70	68	69	76	70	71
30	—	—	—	82	62	67	70	68	69	75	69	71
31	—	—	—	65	62	63	—	—	—	90	70	72
MONTH	100	69	76	88	62	69	85	62	68	85	67	72

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	74	68	71	92	74	77	79	77	78	90	84	87
2	85	69	71	77	74	76	81	78	79	90	84	87
3	87	69	72	85	73	77	82	78	79	90	86	87
4	92	70	73	87	71	75	83	79	80	91	85	87
5	95	70	77	90	76	78	81	79	90	88	83	85
6	82	73	75	80	76	78	82	79	80	87	83	84
7	85	72	73	88	77	79	81	78	80	87	83	84
8	85	72	74	92	77	78	81	78	79	87	82	84
9	86	72	74	91	76	78	81	79	80	87	83	85
10	75	72	73	103	76	80	81	78	79	88	83	85
11	77	73	74	80	77	79	80	78	79	88	83	85
12	86	73	74	93	77	79	81	77	79	88	83	85
13	87	73	76	96	77	79	81	78	80	87	84	85
14	88	75	77	91	76	78	86	79	82	88	84	86
15	90	76	77	79	76	78	84	79	82	89	85	87
16	89	76	78	79	77	78	84	80	82	95	86	89
17	80	74	75	98	77	79	84	81	83	96	88	91
18	82	74	75	80	74	77	85	81	83	97	89	93
19	87	74	77	77	75	76	86	82	84	110	89	95
20	81	74	76	78	76	77	86	83	85	104	89	95
21	88	75	77	79	76	77	89	83	86	99	89	93
22	90	76	78	78	75	77	89	84	86	99	89	93
23	103	76	80	122	75	82	91	84	86	102	91	95
24	104	74	77	122	75	87	90	84	86	101	91	96
25	100	73	79	121	75	92	88	82	85	100	91	96
26	93	74	77	116	75	81	90	83	86	100	90	95
27	94	75	78	78	76	77	91	83	86	100	91	96
28	101	76	79	78	76	77	89	82	85	106	93	99
29	81	78	79	79	76	77	88	83	85	96	89	93
30	92	77	81	79	75	77	87	82	85	96	88	91
31	—	—	—	79	76	77	90	82	86	—	—	—
MONTH	104	68	76	122	71	79	91	77	82	110	82	90
YEAR	275	62	84									

BEST COPY AVAILABLE

02172030 COOPER RIVER AT RICE MILL NEAR KITTREDGE, SC

LOCATION.—Lat 33°04'30", long 79°59'31", Berkeley County, Hydrologic Unit 03050201, on left bank 2.4 mi downstream from Seaboard Coast Line Railroad bridge and at mile 32.1.

PERIOD OF RECORD.--October 1980 to current year.

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: October 1980 to current year.

INSTRUMENTATION.—USGS mini-monitor since 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 290 microsiemens Oct. 8, 1983; minimum, 59 microsiemens July 31, 1983.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 290 microsiemens Oct. 8; minimum, 59 microsiemens July 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	187	107	120	107	97	100	101	96	98	104	101	103
2	161	103	117	108	97	100	102	96	98	100	95	97
3	159	104	114	113	96	101	102	97	99	100	97	98
4	192	102	125	113	97	102	103	97	99	100	93	98
5	211	103	127	121	101	106	103	97	100	96	92	94
6	191	104	128	111	98	102	104	96	99	94	87	90
7	235	106	145	110	95	99	105	96	99	91	87	89
8	290	115	160	113	94	99	100	96	97	89	80	87
9	188	107	131	107	94	97	102	96	98	89	86	88
10	176	103	122	107	94	102	100	96	98	91	87	89
11	147	104	116	107	103	105	101	97	98	91	87	89
12	116	99	106	106	102	104	99	97	98	91	88	89
13	104	98	100	105	99	102	100	98	99	89	86	87
14	103	99	100	102	97	99	101	96	98	89	87	88
15	104	80	99	99	92	95	99	97	98	89	88	89
16	107	100	102	96	94	95	101	97	99	90	88	89
17	110	100	102	98	95	96	102	98	99	91	89	89
18	121	102	106	99	95	96	100	98	99	91	89	90
19	148	97	111	98	80	96	103	98	100	91	88	90
20	147	97	110	106	80	98	103	96	99	92	89	91
21	101	95	97	100	96	98	100	97	98	91	89	90
22	104	95	98	100	94	97	102	99	100	90	89	90
23	110	95	99	99	95	96	105	101	103	92	89	90
24	106	96	99	98	95	96	112	103	105	92	89	90
25	111	97	102	98	95	96	119	112	115	92	89	91
26	117	99	104	98	96	97	114	110	112	92	87	89
27	137	97	105	99	96	97	112	108	110	89	86	88
28	120	96	102	99	80	95	113	104	108	92	87	89
29	104	96	98	101	95	97	107	104	105	91	87	89
30	110	97	100	101	96	98	106	104	105	91	87	88
31	104	97	100	—	—	—	106	103	104	92	86	89
MONTH	290	80	111	121	80	99	119	96	101	104	80	91

02172030 COOPER RIVER AT RICE MILL NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	92	85	88	88	76	81	68	66	67	75	72	73
2	89	86	87	80	76	78	68	66	67	76	72	73
3	91	87	88	79	77	78	69	67	68	75	72	73
4	88	86	87	80	77	78	68	67	68	74	71	73
5	88	85	86	80	77	78	69	66	67	74	71	72
6	90	86	88	79	76	77	69	67	68	74	71	72
7	90	82	85	79	77	78	70	66	67	74	70	72
8	84	77	81	79	75	76	69	66	67	75	72	73
9	80	78	78	77	76	76	68	67	67	74	71	72
10	82	80	81	79	75	76	68	67	68	74	71	72
11	83	79	80	78	75	76	69	67	68	74	71	73
12	82	78	80	80	75	77	69	68	69	74	71	73
13	81	76	78	79	75	76	70	68	69	75	72	73
14	77	73	77	79	73	76	72	68	70	77	72	74
15	79	76	78	76	72	74	72	69	70	76	72	74
16	80	76	78	76	72	74	72	70	71	76	72	74
17	80	76	77	77	73	75	73	70	71	76	72	74
18	79	71	77	77	73	74	75	70	72	77	73	75
19	79	76	77	77	73	74	75	70	72	78	74	76
20	78	76	77	74	66	70	74	71	72	79	76	77
21	78	76	77	70	67	68	75	71	73	81	76	79
22	78	76	77	73	68	70	75	72	73	---	---	---
23	79	74	76	74	70	71	74	71	73	---	---	---
24	80	70	77	74	70	71	76	69	74	---	---	---
25	80	76	77	73	70	71	73	64	71	---	---	---
26	80	76	77	73	68	70	73	71	72	---	---	---
27	80	74	76	72	68	69	73	71	72	---	---	---
28	84	76	79	69	66	68	73	71	72	---	---	---
29	87	84	85	70	68	69	73	71	72	---	---	---
30	---	---	---	70	67	69	73	72	72	---	---	---
31	---	---	---	69	66	67	---	---	---	---	---	---
MONTH	92	70	80	88	66	74	76	64	70	81	70	74

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	83	78	80	91	82	88	89	86	87
2	---	---	---	81	78	79	94	89	91	89	86	87
3	---	---	---	80	77	79	91	88	90	88	86	87
4	---	---	---	79	77	78	92	89	90	87	85	86
5	---	---	---	80	78	79	91	86	89	87	85	86
6	---	---	---	80	78	79	90	85	88	86	83	84
7	70	68	69	80	77	79	87	83	85	85	82	83
8	71	68	70	79	77	78	85	79	83	84	81	83
9	72	68	70	79	76	78	83	78	81	84	81	83
10	71	68	70	78	76	77	81	78	79	85	81	83
11	73	70	71	79	76	78	80	75	77	86	83	84
12	71	70	71	78	76	77	76	71	74	87	84	86
13	71	70	71	78	76	77	77	74	75	88	75	81
14	73	60	71	78	75	76	81	76	78	78	76	77
15	73	71	72	77	74	76	82	76	80	80	76	79
16	74	71	73	77	75	76	83	80	81	82	79	80
17	74	71	72	77	75	76	82	79	81	87	80	82
18	74	72	73	77	75	76	82	79	80	100	80	84
19	76	74	75	77	74	76	82	79	80	110	80	87
20	80	60	77	76	73	75	81	79	80	89	80	84
21	84	79	81	74	70	73	82	79	80	87	79	82
22	85	81	83	73	70	71	82	80	81	91	79	83
23	85	81	83	71	68	70	81	78	80	92	81	84
24	92	78	81	70	67	69	89	80	84	91	80	[illegible]
25	82	78	80	69	66	68	89	86	87	92	81	85
26	80	77	79	72	66	70	90	87	88	87	77	82
27	80	77	79	74	70	71	90	87	89	87	78	81
28	81	78	79	74	70	73	90	86	88	102	80	86
29	82	80	81	74	71	72	88	86	88	85	75	78
30	82	80	81	74	72	72	88	86	87	79	75	77
31	---	---	---	81	59	72	88	85	87	---	---	---
MONTH	85	60	76	83	59	75	94	71	84	110	75	83
YEAR	290	59	85									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

LOCATION.—Lat 33°21'54", long 79°57'27", Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal 0.5 mi upstream of secondary road 9.

PERIOD OF RECORD.—October 1980 to current year.

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: October 1980 to current year.
pH: February 1981 to current year.
WATER TEMPERATURE: February 1981 to current year.
DISSOLVED OXYGEN: February 1981 to current year.

INSTRUMENTATION.—USGS mini-monitor October 1980 to February 1981. USGS water-quality monitor since February 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 311 microsiemens Nov. 15, 1981; minimum, 51 microsiemens Mar. 18, 19, 1983.
pH: Maximum, 9.1 units Feb. 14, 1981; minimum, 5.7 units June 20, 1982.
WATER TEMPERATURE: Maximum, 31.6°C Aug. 24, 1983; minimum, 5.5°C Jan. 18, 1982, Jan. 1-4 and 23, 24, 1984.
DISSOLVED OXYGEN: Maximum, 12.6 mg/L Jan. 27, 28, 1983; minimum, 0.9 mg/L June 29-30, 1982.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 203 microsiemens Oct. 8; minimum, 68 microsiemens several days in Mar. and Apr.
pH: Maximum, 7.6 units June 3, 4; minimum, 5.7 units July 24, Sept. 1, 2, 3.
WATER TEMPERATURE: Maximum, 30.0°C Aug. 7-10 and 12-18; minimum, 5.5°C Jan. 1-4 and 22, 23.
DISSOLVED OXYGEN: Maximum, 11.4 mg/L Jan. 21; minimum, 2.4 mg/L Aug. 14.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	99	96	98	101	93	95	111	93	100
2	---	---	---	100	96	98	100	93	95	104	92	95
3	---	---	---	102	97	99	99	93	95	101	93	95
4	142	106	124	102	96	99	101	94	96	102	94	97
5	146	109	122	105	96	100	104	94	97	106	95	99
6	138	109	122	100	95	98	101	93	95	110	90	98
7	192	109	135	102	95	98	117	94	102	116	89	99
8	203	123	151	105	95	99	105	93	95	98	87	90
9	145	116	129	103	96	99	104	93	97	111	88	97
10	145	111	124	101	97	99	105	94	97	109	88	91
11	133	105	120	108	96	101	104	94	96	105	89	94
12	123	102	112	117	96	104	100	93	95	109	88	92
13	125	100	109	105	94	98	104	95	98	100	87	89
14	131	100	115	101	94	97	108	94	98	96	88	91
15	129	98	111	104	94	98	109	95	101	102	88	92
16	126	99	108	107	95	99	115	96	103	95	89	90
17	120	99	106	112	93	98	118	96	101	96	90	92
18	121	100	108	101	93	95	108	96	98	99	90	92
19	117	100	109	101	93	97	100	96	97	101	90	95
20	121	98	110	102	94	97	99	96	97	107	90	97
21	105	96	99	102	94	97	99	96	97	106	89	94
22	102	97	99	104	93	97	99	98	98	107	89	96
23	102	98	100	101	94	96	102	98	100	110	90	99
24	111	98	104	101	94	96	112	101	103	114	90	100
25	121	100	109	104	93	98	116	102	108	121	91	108
26	121	100	108	107	93	98	112	100	103	121	88	100
27	113	101	106	102	94	96	106	100	102	122	88	101
28	108	99	103	100	93	95	108	100	102	124	89	110
29	110	98	102	104	93	97	111	100	103	124	89	105
30	105	97	100	106	93	97	115	100	104	120	87	97
31	101	97	99	---	---	---	114	98	103	120	87	100
MONTH	203	96	112	117	93	98	118	93	99	124	87	97

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	114	86	91	107	76	85	76	68	70	93	72	80
2	106	87	91	87	75	78	75	68	70	96	73	81
3	105	87	92	84	76	78	79	68	72	92	72	78
4	104	86	91	83	76	78	81	68	72	102	73	85
5	112	86	97	81	76	78	95	69	81	96	72	79
6	124	86	104	86	76	80	107	71	88	97	72	80
7	117	84	101	86	77	81	96	70	78	100	72	84
8	—	—	—	90	76	81	85	69	72	99	73	82
9	—	—	—	105	76	81	82	69	70	93	72	80
10	—	—	—	98	74	90	74	69	70	85	71	75
11	—	—	—	97	74	82	76	69	71	82	71	75
12	—	—	—	99	74	79	75	69	71	84	72	77
13	—	—	—	82	73	76	76	70	71	88	72	78
14	—	—	—	86	75	80	79	70	73	89	73	74
15	—	—	—	91	74	90	83	71	75	80	72	74
16	87	77	81	85	73	77	87	71	77	78	72	74
17	91	77	80	84	72	75	96	72	83	77	73	79
18	90	77	81	78	72	73	104	73	89	78	73	74
19	91	77	81	80	71	74	98	72	81	90	74	79
20	94	77	82	85	72	75	101	72	83	93	74	81
21	94	77	82	94	71	79	102	73	83	89	74	78
22	92	76	80	104	73	90	100	73	79	85	74	76
23	108	75	86	108	72	92	101	72	87	86	74	78
24	116	82	107	107	70	77	104	75	98	93	75	81
25	116	77	99	101	68	82	102	72	79	80	75	76
26	118	76	85	102	72	90	89	72	79	90	75	80
27	93	76	79	102	70	78	89	72	76	80	76	77
28	104	77	89	82	69	72	91	72	78	77	75	76
29	113	77	96	103	70	89	85	72	75	79	75	76
30	—	—	—	107	69	81	83	72	75	78	75	76
31	—	—	—	81	68	71	—	—	—	76	73	74
MONTH	124	75	89	108	68	80	107	68	78	102	71	79

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	76	73	74	82	78	80	83	80	80	97	84	89
2	75	71	74	82	79	80	86	81	82	96	84	88
3	76	75	75	83	81	82	93	82	84	97	85	89
4	79	75	76	83	82	82	96	82	85	98	85	90
5	80	76	77	84	82	82	89	82	83	94	85	87
6	80	76	77	86	82	83	86	82	83	87	84	84
7	81	75	77	87	82	83	87	82	83	86	83	84
8	80	76	77	88	82	84	87	82	83	85	83	84
9	80	76	76	84	82	83	87	83	84	84	82	83
10	82	76	77	85	82	83	85	83	84	84	82	83
11	82	76	77	86	82	83	86	83	84	84	82	83
12	84	76	78	85	82	83	86	83	84	92	82	86
13	83	77	78	85	82	83	88	83	85	92	83	85
14	84	76	78	84	82	83	95	85	88	85	83	83
15	84	77	78	84	81	82	92	84	87	87	83	85
16	80	77	78	86	81	82	88	84	86	88	84	87
17	79	77	78	85	82	83	87	85	86	90	87	88
18	82	78	79	84	78	81	88	84	86	94	87	90
19	82	79	80	79	78	78	90	84	86	104	87	92
20	81	80	80	80	78	78	90	83	85	94	86	91
21	81	80	80	80	78	79	89	83	85	91	86	89
22	82	81	81	81	79	79	89	85	86	93	86	89
23	82	81	81	82	79	79	91	83	86	93	87	90
24	84	80	81	85	79	81	92	84	86	93	86	90
25	82	79	80	84	79	80	88	83	85	94	86	90
26	82	79	80	82	79	79	86	83	84	91	85	89
27	81	79	79	82	79	80	85	83	84	93	86	89
28	81	78	80	81	78	80	84	83	83	99	87	92
29	83	80	80	80	78	79	86	83	84	87	83	85
30	84	80	81	79	79	79	89	83	86	87	83	84
31	—	—	—	81	—	79	93	83	87	—	—	—
MONTH	84	71	78	88	78	81	96	80	83	104	82	87
YEAR	203	68	88									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC—Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	—	—	7.0	6.5	6.9	6.4	7.0	6.6	7.1	6.6	6.9	6.3
2	—	—	7.0	6.5	6.9	6.3	6.9	6.7	7.0	6.5	6.9	6.4
3	—	—	7.0	6.4	6.9	6.3	6.9	6.6	6.9	6.6	6.9	6.4
4	7.0	6.4	6.9	6.4	6.8	6.3	6.9	6.5	6.9	6.6	6.8	6.4
5	7.0	6.4	6.9	6.3	6.8	6.3	6.8	6.5	7.0	6.5	6.8	6.4
6	6.9	6.4	6.9	6.4	6.8	6.3	6.8	6.4	7.1	6.6	6.8	6.3
7	7.1	6.3	7.0	6.3	6.9	6.3	6.8	6.4	7.1	6.7	6.7	6.1
8	6.9	6.5	6.8	6.4	7.0	6.4	6.8	6.5	—	—	6.7	6.1
9	6.8	6.3	6.7	6.4	7.0	6.3	6.9	6.4	—	—	6.6	6.1
10	6.9	6.3	6.6	6.3	7.0	6.3	6.7	6.4	—	—	6.8	6.3
11	6.9	6.3	6.7	6.2	6.8	6.3	6.7	6.4	—	—	6.8	6.3
12	6.8	6.2	6.9	6.3	6.8	6.3	6.8	6.4	—	—	6.9	6.3
13	6.8	6.2	7.0	6.4	7.1	6.2	6.7	6.5	—	—	6.8	6.4
14	6.7	6.3	7.0	6.4	7.0	6.2	6.7	6.5	—	—	6.8	6.4
15	6.8	6.3	7.1	6.4	6.8	6.3	6.7	6.4	—	—	6.8	6.3
16	6.9	6.3	7.0	6.4	7.0	6.2	6.7	6.4	6.9	6.6	6.7	6.3
17	7.0	6.4	7.1	6.3	6.9	6.2	6.6	6.4	6.9	6.5	6.6	6.2
18	7.0	6.3	7.0	6.5	6.9	6.4	6.6	6.3	6.9	6.5	6.6	6.4
19	7.0	6.4	7.0	6.4	6.9	6.4	6.6	6.3	6.9	6.4	6.7	6.3
20	7.0	6.4	7.0	6.3	6.8	6.4	6.7	6.2	6.8	6.3	6.7	6.3
21	6.9	6.5	6.7	6.3	6.8	6.4	6.7	6.3	6.8	6.4	6.7	6.2
22	7.0	6.4	6.9	6.3	6.8	6.4	6.7	6.3	6.8	6.4	6.6	6.2
23	7.0	6.5	6.9	6.3	6.8	6.3	6.9	6.4	6.7	6.4	6.7	6.2
24	6.9	6.4	6.8	6.3	6.8	6.3	6.9	6.4	6.6	6.3	6.8	6.2
25	7.0	6.3	6.7	6.3	7.2	6.4	6.7	6.2	6.6	6.3	6.7	6.3
26	7.1	6.4	6.9	6.2	7.1	6.6	6.9	6.2	7.0	6.3	6.6	6.1
27	7.2	6.2	6.8	6.3	7.1	6.7	6.9	6.4	6.8	6.5	6.6	6.2
28	7.0	6.3	6.8	6.4	6.9	6.6	6.9	6.4	6.7	6.4	6.7	6.2
29	6.9	6.2	6.8	6.3	6.8	6.5	7.0	6.5	6.8	6.3	6.6	6.2
30	6.9	6.4	7.0	6.3	7.0	6.4	7.1	6.7	—	—	6.6	6.0
31	6.9	6.5	—	—	7.1	6.5	7.1	6.7	—	—	6.6	6.0
MONTH	7.2	6.2	7.1	6.2	7.2	6.2	7.1	6.2	7.1	6.3	6.9	6.0

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.7	6.3	7.0	6.3	7.1	6.3	6.3	5.9	6.4	5.9	6.2	5.7
2	6.7	6.1	6.9	6.3	7.0	6.2	6.3	5.9	6.4	5.7	6.2	5.7
3	6.7	6.2	6.9	6.4	7.6	6.3	6.3	5.9	6.6	5.6	6.1	5.7
4	6.8	6.4	6.9	6.4	7.6	6.3	6.3	5.9	6.6	5.6	6.1	5.8
5	6.7	6.2	7.2	6.4	7.3	6.3	6.3	5.9	6.7	5.8	6.2	5.8
6	6.7	6.2	7.0	6.3	7.1	6.3	6.2	5.8	6.7	5.8	6.4	6.0
7	6.8	6.3	6.9	6.2	7.2	6.2	6.2	5.9	6.6	5.8	6.5	6.0
8	6.9	6.3	6.9	6.2	7.1	6.3	6.3	5.8	6.8	5.7	6.6	6.2
9	6.8	6.5	7.2	6.2	7.0	6.3	6.4	6.0	6.6	5.8	6.5	6.2
10	6.7	6.1	7.4	6.2	6.9	6.3	6.3	5.8	6.4	5.9	6.5	6.0
11	7.0	6.1	7.2	6.2	6.9	6.3	6.4	5.9	6.4	5.9	6.5	6.0
12	6.9	6.1	7.0	6.2	6.8	6.2	6.4	6.0	6.3	5.8	6.5	5.8
13	6.9	6.2	6.9	6.2	6.8	6.3	6.4	6.0	6.2	5.7	6.6	5.9
14	7.1	6.5	6.9	6.2	6.7	6.2	6.4	6.0	6.1	5.6	6.7	6.3
15	6.9	6.3	7.2	6.4	6.6	6.1	6.3	6.0	6.2	5.7	6.7	6.0
16	6.8	6.2	6.9	6.3	6.6	6.3	6.4	5.9	6.2	5.8	6.5	6.0
17	6.7	6.1	7.1	6.3	6.6	6.2	6.4	6.0	6.2	5.8	6.5	6.2
18	6.6	6.1	7.2	6.3	6.5	6.1	6.3	6.0	6.2	5.8	6.5	6.1
19	7.0	6.3	6.9	6.2	6.3	6.0	6.4	6.1	6.1	5.8	6.5	6.1
20	6.8	6.4	6.9	6.2	6.3	5.8	6.4	6.0	6.1	5.8	6.5	6.1
21	7.0	6.3	7.3	6.3	6.2	6.0	6.3	6.1	6.0	5.7	6.4	6.0
22	7.0	6.4	7.3	6.4	6.2	6.0	6.5	5.9	6.1	5.8	6.4	6.1
23	6.9	6.4	6.9	6.4	6.2	6.0	6.4	5.8	6.3	5.7	6.4	6.1
24	6.5	6.1	7.1	6.3	6.2	5.9	6.4	5.7	6.2	5.7	6.4	6.1
25	7.0	6.2	7.2	6.5	6.3	5.9	6.4	5.8	6.3	5.9	6.5	6.1
26	7.0	6.2	7.2	6.2	6.4	5.9	6.4	5.9	6.3	5.8	6.5	6.0
27	6.9	6.1	7.0	6.5	6.2	5.9	6.4	5.9	6.4	5.8	6.5	6.0
28	7.1	6.2	6.8	6.5	6.2	5.9	6.5	6.0	6.3	5.9	6.5	6.1
29	7.0	6.4	6.8	6.4	6.1	5.8	6.4	6.0	6.3	5.8	6.5	6.1
30	7.0	6.4	6.9	6.3	6.2	5.9	6.4	6.0	6.2	5.7	6.5	5.9
31	—	—	7.0	6.4	—	—	6.4	5.9	6.3	5.7	—	—
MONTH	7.1	6.1	7.4	6.2	7.6	5.8	6.5	5.7	6.8	5.6	6.7	5.7
YEAR	7.6	5.7										

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC—Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	—	—	—	19.5	19.0	19.0	14.0	14.0	14.0	6.5	5.5	6.0
2	—	—	—	19.5	19.0	19.0	14.5	13.5	14.0	6.0	5.5	6.0
3	—	—	—	20.0	19.0	19.5	15.0	14.0	14.5	6.5	5.5	6.0
4	24.5	24.0	24.0	19.5	19.0	19.5	16.0	15.0	15.5	6.5	5.5	6.5
5	25.0	23.5	24.5	19.0	18.5	18.5	15.5	15.0	15.5	7.0	6.0	6.5
6	25.0	24.0	24.5	18.5	17.5	18.0	16.0	15.0	15.5	7.0	6.5	7.0
7	24.5	24.0	24.0	18.0	17.0	17.5	15.5	14.0	15.0	7.5	7.0	7.0
8	23.5	23.0	23.5	18.0	17.5	18.0	14.0	13.5	14.0	7.5	6.5	7.0
9	23.5	23.0	23.0	18.0	17.5	18.0	14.0	13.0	13.5	7.5	7.0	7.0
10	23.0	23.0	23.0	18.5	18.0	18.0	14.5	13.0	13.5	8.0	7.0	7.5
11	23.0	22.5	23.0	18.0	17.0	17.5	14.5	13.5	14.0	8.5	7.0	8.0
12	23.0	23.0	23.0	17.0	16.0	16.5	14.5	14.5	14.5	8.0	6.5	7.0
13	23.5	23.0	23.5	16.5	16.0	16.0	14.5	14.0	14.5	7.0	6.5	6.5
14	23.5	22.5	23.0	16.0	15.5	15.5	14.5	14.0	14.5	6.5	6.0	6.5
15	22.5	22.0	22.5	16.5	15.5	16.0	14.5	14.0	14.0	6.5	6.5	6.5
16	22.0	21.5	22.0	16.5	16.0	16.0	14.0	13.5	14.0	6.5	6.0	6.5
17	22.5	21.5	22.0	15.5	15.0	15.0	14.0	13.5	13.5	7.5	6.5	7.0
18	22.5	22.0	22.0	15.0	14.5	14.5	13.5	13.0	13.0	7.5	7.0	7.5
19	22.5	22.0	22.5	15.0	14.0	14.5	13.0	12.5	13.0	8.0	7.0	7.5
20	22.5	21.5	22.0	15.5	14.5	15.0	13.0	12.0	12.5	8.0	6.5	7.0
21	21.5	21.0	21.5	15.5	15.0	.0	12.0	11.0	11.5	6.5	6.0	6.5
22	21.0	20.5	20.5	15.5	14.5	15.0	11.5	11.0	11.5	6.0	5.5	6.0
23	21.0	20.5	21.0	15.5	14.5	15.0	11.5	11.0	11.0	6.5	5.5	6.0
24	21.5	20.5	21.0	15.5	15.0	15.5	11.0	9.0	10.5	7.0	6.0	6.5
25	21.5	20.5	21.0	15.5	14.5	15.0	9.0	7.5	8.5	8.5	6.5	7.5
26	21.0	20.5	21.0	15.0	14.0	14.5	8.0	6.5	7.5	8.5	6.5	7.5
27	20.5	19.5	20.0	15.0	14.0	14.5	7.5	6.5	7.0	9.0	6.5	8.0
28	20.0	19.0	19.5	15.0	14.5	15.0	8.5	6.5	8.0	10.5	6.5	9.0
29	20.0	19.0	19.5	15.0	14.5	15.0	8.5	7.5	8.0	10.0	7.0	8.5
30	19.5	19.0	19.5	14.5	14.0	14.5	8.0	7.0	7.5	9.5	7.0	8.0
31	19.5	19.0	19.0	—	—	—	7.0	6.0	6.5	9.5	7.0	8.0
MONTH	25.0	19.0	22.0	20.0	14.0	16.0	16.0	6.0	12.5	10.5	5.5	7.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.5	7.0	7.5	10.0	8.5	9.5	16.5	15.0	15.5	22.5	19.0	20.5
2	8.5	7.0	7.5	10.0	9.0	9.5	16.5	15.5	16.0	22.5	19.5	20.5
3	9.0	7.5	8.0	10.5	9.5	10.0	16.5	15.5	16.0	21.5	19.5	20.0
4	9.0	8.0	8.5	11.0	10.0	10.5	17.0	15.5	16.0	22.5	19.0	21.0
5	9.5	8.0	9.0	11.5	10.0	10.5	17.5	16.0	16.5	22.5	20.0	21.0
6	9.5	7.0	8.5	13.5	10.5	12.0	17.5	15.5	16.5	23.5	20.5	21.5
7	8.0	7.5	7.5	13.5	11.0	12.5	17.0	15.5	16.0	24.0	21.0	22.5
8	—	—	—	13.5	10.5	12.5	17.0	15.5	16.5	24.5	21.5	23.0
9	—	—	—	13.0	11.5	12.0	17.0	16.0	16.5	24.0	21.0	22.5
10	—	—	—	12.0	10.5	11.0	16.5	15.0	15.5	23.0	21.0	22.0
11	—	—	—	12.0	10.5	11.5	16.5	14.5	15.5	23.0	21.5	22.0
12	—	—	—	12.0	10.5	11.5	16.5	15.0	16.0	23.5	21.5	22.5
13	—	—	—	12.5	11.0	12.0	17.5	15.5	16.5	24.5	22.0	23.0
14	—	—	—	14.0	11.5	12.5	19.5	16.0	17.5	24.5	22.5	23.5
15	—	—	—	14.5	12.0	13.5	19.5	16.5	18.0	23.5	22.5	23.0
16	11.5	10.0	11.0	15.0	12.0	13.5	19.0	16.5	17.5	23.0	22.5	22.5
17	12.0	10.0	11.0	15.0	13.0	14.0	19.0	16.5	18.0	23.0	21.5	22.5
18	12.5	10.5	11.5	15.0	13.0	14.0	18.5	16.5	17.5	23.0	21.5	22.5
19	13.0	10.5	11.5	16.0	13.0	14.0	18.5	16.5	17.0	23.5	22.0	22.5
20	13.5	10.5	11.5	17.0	13.5	14.5	18.5	16.5	17.5	24.0	22.5	23.0
21	13.0	10.5	12.0	17.0	13.5	15.0	19.0	17.0	18.0	24.0	22.5	23.5
22	13.0	11.0	11.5	17.5	13.5	16.0	19.5	17.5	18.0	24.0	22.5	23.0
23	13.0	10.5	12.0	17.0	14.0	16.0	20.0	17.5	19.0	24.5	22.5	23.5
24	13.0	12.5	12.5	17.0	14.0	15.0	19.5	18.0	19.0	25.0	22.5	23.5
25	13.5	11.5	12.5	18.0	14.5	16.5	19.0	17.0	18.0	24.0	22.5	23.5
26	13.0	11.0	12.0	18.5	14.5	17.0	20.0	18.0	19.0	25.5	23.0	24.0
27	12.0	11.5	11.5	18.0	15.0	16.0	20.0	18.0	19.0	25.0	23.0	24.0
28	12.5	11.0	12.0	17.5	15.0	16.5	21.0	18.5	19.5	24.0	23.5	23.5
29	11.0	10.0	10.5	17.5	16.5	17.0	21.0	18.5	19.5	24.0	23.5	24.0
30	—	—	—	16.5	14.5	15.5	21.0	18.5	19.5	24.0	23.0	23.5
31	—	—	—	16.0	15.0	15.5	—	—	—	23.0	22.0	22.5
MONTH	13.5	7.0	10.5	18.5	8.5	13.5	21.0	14.5	17.5	25.5	19.0	22.5

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.0	21.5	22.5	27.5	27.0	27.5	28.0	27.0	27.5	28.5	27.5	28.0
2	23.5	22.0	22.5	28.0	27.5	27.5	27.5	27.0	27.5	28.5	27.5	28.0
3	24.5	23.0	23.5	28.0	27.5	28.0	28.5	27.0	27.5	28.5	28.0	28.0
4	25.5	23.5	24.5	28.5	28.0	28.0	29.0	27.5	28.0	28.5	28.0	28.0
5	26.0	23.5	24.5	28.5	27.5	28.0	29.0	28.0	28.5	27.5	27.0	27.5
6	26.0	23.5	24.5	28.0	27.5	28.0	29.5	28.0	29.0	27.0	26.5	27.0
7	26.0	23.5	24.5	28.0	27.5	28.0	30.0	28.5	29.0	27.0	26.0	26.5
8	26.0	23.5	24.5	28.0	27.5	28.0	30.0	29.0	29.5	26.5	25.5	26.0
9	26.0	23.5	24.5	28.5	27.5	28.0	30.0	29.5	29.5	26.0	25.5	25.5
10	26.5	24.0	25.0	28.0	27.5	28.0	30.0	29.5	29.5	25.5	25.0	24.5
11	27.0	24.5	25.5	28.5	27.5	28.0	29.5	29.0	29.5	25.5	25.0	25.0
12	28.0	24.5	25.5	29.0	27.5	28.5	30.0	29.0	29.5	25.5	25.0	25.0
13	28.0	25.0	26.0	29.0	28.0	28.5	30.0	29.0	29.5	25.5	25.0	25.5
14	28.0	25.0	26.0	28.5	28.0	28.5	30.0	29.0	29.5	26.0	25.0	25.5
15	27.5	25.5	26.0	28.0	27.5	28.0	30.0	29.5	30.0	26.5	26.0	26.0
16	27.0	26.0	26.5	28.5	27.5	28.0	30.0	29.5	30.0	26.0	25.0	25.5
17	27.5	26.0	26.5	28.5	28.5	28.5	30.0	29.5	30.0	25.0	23.5	24.0
18	27.5	26.0	27.0	28.5	27.5	28.0	30.0	29.5	29.5	23.5	23.0	23.5
19	28.5	27.0	27.5	28.0	27.5	28.0	29.5	29.0	29.5	23.5	23.0	23.5
20	28.0	27.5	28.0	28.0	27.5	27.5	29.0	27.5	28.5	24.0	23.0	23.5
21	28.0	27.5	28.0	28.0	27.0	27.5	28.5	28.0	28.5	24.0	23.0	23.5
22	28.0	27.5	27.5	27.5	27.0	27.5	28.5	27.5	28.0	24.5	23.5	24.0
23	27.5	27.0	27.5	28.0	27.0	27.5	29.0	27.5	28.0	24.5	23.5	24.0
24	28.0	27.0	27.5	28.0	27.0	27.5	28.5	28.0	28.0	24.5	23.5	24.0
25	29.0	27.5	28.0	28.5	27.5	28.0	28.5	27.5	28.0	24.5	23.5	24.0
26	29.0	28.0	28.5	28.5	27.5	28.0	28.5	27.5	28.0	25.0	24.0	24.5
27	28.5	27.5	28.0	29.0	27.5	28.0	28.5	27.5	28.0	24.0	23.5	24.0
28	28.0	27.0	27.5	28.5	28.0	28.0	28.0	27.5	28.0	23.5	22.0	23.0
29	27.5	27.0	27.5	28.0	27.5	28.0	28.0	27.5	28.0	22.0	21.0	21.5
30	27.5	27.0	27.5	28.0	27.0	27.5	28.0	27.5	28.0	21.5	20.5	21.0
31	—	—	—	28.0	27.0	27.5	28.5	27.5	28.0	—	—	—
MONTH	29.0	21.5	26.0	29.0	27.0	28.0	30.0	27.0	28.5	28.5	20.5	25.0
YEAR	30.0	5.5	19.5									

AVAILABLE

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC—Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	—	—	—	8.5	7.0	7.9	9.1	7.5	8.3	11.4	10.2	11.1
2	—	—	—	8.5	7.3	8.0	9.3	7.0	8.4	11.3	10.5	11.1
3	—	—	—	8.3	7.1	7.9	9.3	7.5	8.4	11.2	10.3	10.9
4	7.9	5.8	7.0	8.2	6.7	7.6	8.8	7.1	8.0	11.0	10.0	10.7
5	7.9	5.6	6.9	8.4	6.3	7.6	8.9	6.5	7.9	10.9	9.6	10.4
6	7.7	5.3	6.8	8.6	6.7	8.0	8.9	7.1	8.3	11.1	9.3	10.5
7	8.1	4.9	7.1	8.6	6.3	7.9	9.3	7.1	8.1	11.1	9.2	10.3
8	7.9	6.2	7.3	8.1	6.9	7.8	9.5	7.9	9.0	11.2	10.2	10.9
9	7.7	5.3	6.7	7.8	6.7	7.5	9.4	7.6	8.7	11.2	9.2	10.3
10	8.1	4.6	6.7	7.6	6.0	7.0	9.6	7.5	8.7	10.7	9.3	10.5
11	7.9	5.3	7.0	7.7	5.6	6.6	9.1	7.6	8.8	10.7	9.1	10.1
12	7.5	4.5	6.3	8.4	6.0	7.1	9.2	7.6	8.7	10.9	9.0	10.5
13	7.5	4.6	6.4	8.6	7.2	8.1	9.7	7.0	8.3	10.7	9.6	10.5
14	7.5	4.5	6.0	8.8	7.3	8.2	9.4	6.7	8.5	10.8	9.9	10.4
15	7.9	4.9	6.7	8.8	7.3	8.2	9.3	7.1	8.2	10.7	9.5	10.4
16	8.1	5.4	7.1	8.7	7.3	8.1	9.5	6.5	8.3	10.6	9.8	10.4
17	8.4	5.9	7.4	9.3	7.1	8.5	9.5	6.7	8.7	10.6	9.5	10.2
18	8.4	5.6	7.3	9.2	7.9	8.8	9.5	7.8	9.0	10.5	9.0	10.0
19	8.5	6.0	7.5	9.3	7.6	8.6	9.6	8.2	9.2	10.3	8.8	9.7
20	8.4	6.1	7.9	9.2	7.3	8.5	9.7	8.4	9.3	10.6	8.2	9.3
21	8.0	6.8	7.6	8.7	7.3	8.1	9.7	8.6	9.4	10.9	8.9	10.4
22	8.2	6.1	7.5	9.1	6.7	8.3	9.6	8.7	9.3	11.1	9.3	10.4
23	8.1	5.8	7.2	9.1	7.1	8.4	9.7	8.1	9.0	11.0	9.0	10.2
24	7.6	5.2	6.3	8.9	7.1	8.3	10.0	8.0	9.2	10.8	8.6	9.9
25	7.7	4.8	6.3	9.0	7.2	8.2	10.6	8.8	9.8	10.5	8.1	9.2
26	8.0	4.8	6.9	9.5	7.0	8.6	10.9	9.7	10.5	11.1	8.4	10.0
27	8.1	5.4	7.2	9.5	7.7	8.9	10.9	10.1	10.6	10.5	7.8	9.4
28	8.2	5.8	7.4	9.1	8.0	8.8	10.4	9.7	10.2	10.5	7.0	8.6
29	9.0	5.7	7.3	9.4	7.5	8.6	10.3	9.2	9.9	10.6	7.3	9.0
30	8.1	6.6	7.7	9.3	7.2	8.5	11.0	8.9	10.1	10.8	8.4	10.0
31	8.2	7.2	7.8	—	—	—	11.3	9.5	10.7	10.9	8.1	9.3
MONTH	8.5	4.5	7.1	9.5	5.6	8.1	11.3	6.5	9.0	11.4	7.0	10.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.9	8.4	10.4	10.3	8.0	9.5	8.3	7.1	7.9	8.1	4.7	6.4
2	10.8	8.9	10.4	10.3	8.8	9.9	8.2	6.6	7.5	7.8	4.3	6.5
3	10.6	8.8	10.2	10.3	8.7	9.8	7.8	6.0	7.1	7.9	5.1	6.8
4	10.5	8.7	10.0	10.3	8.7	9.9	7.8	6.2	7.2	7.9	4.9	6.2
5	10.7	8.3	9.5	10.0	9.0	9.7	7.6	5.9	6.6	8.9	5.2	7.4
6	10.7	8.1	9.4	9.8	7.4	8.7	8.0	6.0	6.9	8.3	5.1	7.1
7	10.7	8.9	9.8	9.5	6.1	7.8	8.6	6.6	7.7	8.0	4.2	6.0
8	—	—	—	9.2	5.7	7.0	8.7	6.8	8.0	8.4	4.2	6.4
9	—	—	—	8.9	6.4	7.6	8.3	7.0	8.0	9.6	4.1	6.7
10	—	—	—	10.1	7.8	9.2	8.2	7.1	7.9	10.0	5.1	8.1
11	—	—	—	9.6	7.9	8.8	8.8	6.9	8.1	9.7	5.2	8.1
12	—	—	—	10.2	7.9	9.5	.0	6.9	8.0	9.2	5.0	7.6
13	—	—	—	9.6	8.7	9.3	8.2	6.3	7.6	8.9	4.2	7.1
14	—	—	—	9.9	8.2	9.0	8.0	6.2	7.3	8.6	4.0	6.9
15	—	—	—	9.7	7.2	8.7	7.8	5.5	6.9	9.4	6.3	8.1
16	10.2	9.0	9.5	9.5	7.5	8.9	8.0	5.5	6.8	9.1	6.5	8.1
17	11.0	7.9	9.7	9.4	7.2	8.8	7.9	5.1	6.3	9.6	6.7	8.4
18	10.1	7.8	9.4	9.1	8.0	8.8	8.1	5.4	6.5	9.8	6.7	8.4
19	10.0	7.8	9.2	9.1	7.5	8.4	8.7	6.0	7.6	8.8	5.2	6.8
20	9.7	7.4	8.9	9.1	7.0	8.2	8.2	5.5	7.2	9.2	4.5	7.1
21	9.8	7.0	8.8	8.8	7.2	8.0	8.5	5.5	7.2	9.6	5.3	8.1
22	9.7	7.4	8.9	8.4	6.2	7.1	8.4	5.4	7.5	9.5	6.3	8.2
23	9.3	6.9	8.2	9.1	6.0	7.3	7.7	5.1	6.4	8.6	5.8	7.5
24	9.3	6.0	7.1	9.0	6.0	8.2	5.8	4.3	5.4	9.1	4.6	7.0
25	9.2	6.7	8.0	8.5	6.5	7.3	8.3	5.2	6.9	9.3	7.6	8.3
26	10.1	7.1	9.2	8.5	5.3	6.8	8.5	4.4	6.3	9.2	4.9	7.3
27	9.5	8.4	9.2	8.1	5.6	7.2	8.2	4.5	7.0	8.8	7.1	7.9
28	9.2	7.8	8.4	8.0	5.9	7.5	8.5	4.3	6.8	7.7	7.0	7.4
29	9.9	7.8	8.6	7.6	5.3	6.3	8.2	5.4	7.4	7.8	6.0	7.0
30	—	—	—	8.4	5.0	7.3	7.9	5.7	7.3	8.5	5.3	6.8
31	—	—	—	9.4	6.6	8.0	—	—	—	9.2	6.8	8.0
MONTH	11.0	6.0	9.2	10.3	5.0	8.3	8.8	4.3	7.2	10.0	4.0	7.4

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC—Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.5	6.7	8.0	6.0	4.4	5.2	6.8	4.7	5.7	5.8	2.7	4.6
2	9.1	6.0	7.6	6.1	4.9	5.5	6.7	4.0	5.6	5.6	3.2	4.7
3	10.1	6.5	8.5	6.5	4.7	5.8	7.4	2.5	5.4	5.2	3.3	4.5
4	9.8	6.6	8.4	6.3	5.1	5.9	7.2	2.6	5.7	5.3	3.7	4.6
5	9.3	6.1	8.1	6.1	5.1	5.8	7.2	4.6	6.2	5.6	3.7	4.9
6	9.0	5.8	7.4	5.9	4.5	5.3	7.2	4.9	6.3	6.1	4.8	5.6
7	9.0	5.2	7.4	5.7	4.4	5.3	6.8	4.4	5.9	6.6	5.4	6.0
8	8.7	5.9	7.4	6.0	4.4	5.4	7.0	4.0	5.4	6.8	5.7	6.2
9	8.6	6.5	7.6	6.5	5.2	5.9	6.7	4.7	6.0	6.7	5.8	6.3
10	8.2	6.0	7.3	6.2	4.8	5.8	6.1	5.0	5.6	7.0	5.4	6.2
11	7.7	5.7	6.9	6.4	4.9	5.8	6.1	4.5	5.2	7.1	5.6	6.4
12	7.3	5.2	6.5	6.6	5.1	5.9	6.0	4.4	5.4	7.2	4.4	5.8
13	6.9	5.2	6.3	6.7	5.2	5.9	5.7	3.7	5.0	7.4	4.5	6.4
14	6.7	5.2	6.1	6.5	5.4	6.1	5.4	2.4	3.8	7.4	6.6	7.1
15	6.7	4.8	5.9	6.4	5.2	5.9	5.7	3.0	4.6	7.5	5.5	6.7
16	6.8	5.5	6.2	6.4	5.1	5.9	5.8	3.7	5.2	6.8	5.4	6.5
17	6.7	5.4	6.1	6.4	5.2	5.8	5.6	4.1	5.0	6.9	6.0	6.5
18	6.1	4.7	5.6	6.1	5.6	5.8	5.4	3.8	4.8	6.8	5.8	6.6
19	5.9	4.7	5.4	6.3	5.3	6.1	5.2	3.2	4.4	6.8	5.9	6.6
20	5.9	4.8	5.5	6.7	5.3	6.1	4.8	3.1	4.1	7.2	6.0	6.6
21	5.7	4.9	5.3	6.4	5.5	6.0	4.5	2.8	4.1	7.0	5.8	6.6
22	5.7	4.7	5.1	6.8	4.7	5.9	4.8	3.1	4.2	7.1	6.0	6.6
23	5.2	4.5	4.9	6.8	4.6	5.9	5.7	3.2	4.4	6.8	6.2	6.6
24	5.8	3.9	5.1	6.4	3.9	5.5	5.6	3.6	4.6	7.0	5.8	6.4
25	6.2	4.5	5.6	6.7	4.4	5.9	6.2	4.3	5.3	7.1	5.9	6.6
26	6.3	4.7	5.8	6.7	5.4	6.1	6.0	4.4	5.4	7.1	5.6	6.6
27	5.8	4.7	5.5	6.7	5.2	6.0	6.1	4.3	5.5	7.0	5.5	6.5
28	5.3	4.5	5.0	6.9	5.7	6.2	6.1	4.6	5.5	7.0	5.8	6.6
29	4.8	4.1	4.6	7.0	5.5	6.2	5.8	4.0	5.0	7.7	6.3	7.0
30	5.7	3.9	4.6	7.1	5.1	6.1	5.4	3.1	4.7	7.6	5.5	7.0
31	—	—	—	6.8	5.0	5.8	6.1	3.0	4.7	—	—	—
MONTH	10.1	3.9	6.3	7.1	3.9	5.8	7.4	2.4	5.1	7.7	2.7	6.2
YEAR	11.4	2.4	7.5									

BEST COPY A

02172045 LAUREL SWAMP CANAL AT U.S. HIGHWAY 52 NEAR MOUNT HOLLY, SC

LOCATION.--Lat 33°02'58", long 80°02'01", Berkeley County, Hydrologic Unit 03050201, at upstream side of southbound lane of U.S. Highway 52, 500 ft upstream of Seaboard Coastline railroad bridge, and 1.0 mi north of Mount Holly.

PERIOD OF RECORD.--October 1983 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.12 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 420 ft³/s Mar. 18, 1983, gage height, 12.71 ft; minimum daily, 0.01 ft³/s Aug. 22-25, 31, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, gage height, unknown (probably occurred May 5); minimum daily, 0.03 ft³/s Nov. 3-4, 1983.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.09	.04	3.2	9.0	24	118	85	19	104	4.7	10	1.0
2	.19	.04	1.4	5.5	20	90	68	17	49	25	13	.33
3	.12	.03	.85	4.5	17	54	57	100	28	35	31	.76
4	.07	.03	1.4	3.5	17	39	57	300	20	11	20	.73
5	.06	.05	3.9	3.5	16	36	140	560	14	4.6	9.2	1.4
6	.05	.13	3.4	3.2	14	154	150	260	9.3	3.1	4.9	.30
7	.05	.11	5.2	2.6	12	221	100	350	6.7	2.6	3.3	.51
8	.05	.24	2.3	1.9	11	187	80	310	5.0	2.1	2.2	.38
9	.05	.98	.85	1.6	10	134	60	250	4.0	1.7	1.6	.55
10	.05	1.4	.66	4.2	8.9	102	76	200	3.4	1.4	1.4	2.3
11	.05	.68	.70	6.4	8.5	66	85	110	3.0	1.2	1.5	1.5
12	.08	.37	19	8.5	8.7	44	65	75	10	1.1	1.3	.66
13	.11	.19	7.9	22	14	77	50	54	15	1.0	1.6	.45
14	.33	.11	3.7	32	92	114	98	40	9.3	1.2	1.2	.40
15	.24	1.2	5.0	26	53	100	110	45	5.8	10	.86	.35
16	.16	2.0	4.4	20	99	120	83	50	3.7	41	.76	2.9
17	.11	1.1	2.8	18	38	84	70	32	2.8	43	.98	1.3
18	.09	.52	2.1	42	29	58	52	19	2.2	23	.92	.70
19	.09	.28	3.4	80	24	43	42	14	2.0	21	.68	.50
20	.10	2.1	3.5	40	20	50	46	12	1.7	19	3.5	.44
21	.11	6.5	4.5	36	17	88	70	11	2.1	12	23	.40
22	.11	2.9	14	27	16	100	90	11	3.1	11	20	.36
23	3.3	1.4	11	21	63	74	150	25	3.5	7.8	12	.34
24	4.1	1.1	5.0	22	55	75	186	45	4.7	5.0	6.1	.34
25	.34	14	2.7	37	37	175	133	12	11	3.6	3.4	.37
26	.34	7.3	1.7	34	29	270	74	5.5	7.1	3.0	2.1	.36
27	.21	3.6	1.5	82	78	200	38	3.9	3.7	1.9	1.5	.32
28	.13	3.6	12	103	185	150	30	22	2.7	1.5	1.2	1.2
29	.10	9.5	28	84	162	250	24	108	2.5	15	1.1	9.4
30	.08	6.8	25	44	---	180	20	160	4.4	35	1.2	2.9
31	.05	---	13	31	---	120	---	149	---	18	1.2	---
TOTAL	12.01	68.31	194.06	856.4	1178.1	3573	2389	3369.4	343.7	366.5	182.70	33.45
MEAN	.39	2.28	6.26	27.6	40.6	115	79.6	109	11.5	11.8	5.89	1.11
MAX	4.1	14	28	103	185	270	186	560	104	43	31	9.4
MIN	.05	.03	.66	1.6	8.5	36	20	3.9	1.7	1.0	.68	.32

CAL YR 1983 TOTAL 12773.59 MEAN 35.0 MAX 389 MIN .01
WTR YR 1984 TOTAL 12566.63 MEAN 34.3 MAX 560 MIN .03

02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°02'26", long 79°56'14", Berkeley County, Hydrologic Unit 03050201, on right bank 6.2 mi downstream from Seaboard Coast Line Railroad bridge, 7.4 mi upstream from Goose Creek, and at mile 28.5.

PERIOD OF RECORD.--October 1971 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1970 to current year.
pH: July 1981 to current year.
WATER TEMPERATURE: October 1970 to current year.
DISSOLVED OXYGEN: July 1981 to current year.

INSTRUMENTATION.--Servo Programmer October 1970 to October 1980, water quality monitor since July 1981.

REMARKS.--Top and bottom temperature July 1975 to October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, >3900 microsiemens Dec. 2, 1978; minimum, 43 microsiemens Apr. 16, 20, 23-25, May 2, 1975.
pH: Maximum, 8.5 units Sept. 29,30, 1981; minimum, 6.4 units Apr. 29, 30, May 1, June 23, 1982, and several days in May, June, July, 1984.
WATER TEMPERATURE: Maximum, 31.5°C July 29, 1981; minimum, 4.5°C Feb. 19, 1979.
DISSOLVED OXYGEN: Maximum, 12.0 mg/L Jan. 23, 25, 1983; minimum, 3.0 mg/L July 20, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 1150 microsiemens Oct. 8; minimum, 60 microsiemens several days Mar. and Apr.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 1075 microsiemens Oct. 8; minimum, 60 microsiemens Feb. 19, and several days in Mar. and Apr.
pH: Maximum, 8.2 units June 2, 3; minimum, 6.4 units, several days in May, June and July.
TEMPERATURE: Maximum, 30.0°C Aug. 8-19; minimum, 6.0°C several days in Jan.
DISSOLVED OXYGEN: Maximum, 11.7 mg/L Jan. 4; minimum, 3.8 mg/L June 27, 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

(TOP)

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	900	125	454	170	95	126	95	90	93	95	90	94
2	720	120	351	175	95	130	95	90	93	90	85	87
3	500	115	277	200	100	143	95	90	91	90	85	89
4	570	125	309	215	100	144	95	90	92	90	90	91
5	615	125	332	265	100	156	95	90	94	90	90	91
6	555	125	315	245	100	153	95	90	91	90	85	86
7	910	135	392	190	100	137	95	85	90	85	80	85
8	1150	190	600	215	100	142	85	85	86	85	80	84
9	1000	145	451	235	100	159	85	85	86	85	80	84
10	615	125	339	215	95	126	85	85	86	85	80	85
11	995	130	337	115	95	99	90	85	86	85	80	85
12	460	110	232	100	95	98	95	85	86	85	80	85
13	225	100	140	125	95	108	90	85	87	85	80	82
14	115	95	105	165	95	119	90	85	90	85	80	82
15	110	95	103	135	95	109	90	90	91	85	85	86
16	155	100	122	115	95	99	90	90	91	85	85	86
17	365	100	179	100	95	96	90	90	91	85	85	86
18	335	105	210	100	90	97	90	90	91	85	85	86
19	505	110	273	120	95	101	90	90	91	85	85	86
20	600	110	293	180	95	120	90	90	91	85	85	86
21	240	95	141	150	95	112	90	90	91	85	85	86
22	185	95	132	115	95	102	100	90	94	85	85	86
23	230	95	145	105	95	99	95	90	95	85	85	86
24	215	95	135	110	95	100	95	95	96	85	85	86
25	155	100	120	105	90	96	95	95	96	85	85	86
26	215	100	139	95	90	95	95	95	96	85	80	85
27	295	105	184	95	95	96	100	95	96	85	80	82
28	255	100	165	95	90	94	100	95	96	85	80	84
29	160	100	119	95	90	95	95	95	96	85	80	84
30	155	95	122	95	90	94	95	95	96	85	80	82
31	200	95	144	---	---	---	95	95	96	85	80	81
MONTH	1150	95	237	265	90	115	100	85	92	95	80	86

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

(TOP)

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	85	80	81	70	70	71	65	60	64	65	65	66
2	85	80	83	70	70	71	65	60	64	65	65	66
3	80	80	81	70	70	71	65	60	64	65	65	66
4	85	80	81	70	70	71	65	60	63	65	65	66
5	80	80	81	70	70	71	65	60	64	65	65	66
6	80	80	81	70	70	71	65	60	65	65	65	66
7	80	80	81	75	70	71	63	60	64	65	65	66
8	80	70	77	70	65	70	65	60	63	65	65	66
9	75	70	74	70	65	70	65	65	66	65	65	66
10	75	75	76	70	65	69	65	65	66	65	65	66
11	75	75	76	70	65	68	65	65	66	65	65	66
12	75	75	76	---	---	---	65	60	65	65	65	66
13	75	70	75	---	---	---	65	60	64	65	65	66
14	75	70	71	70	65	70	65	60	65	65	65	66
15	75	70	72	70	65	68	65	65	66	65	65	66
16	75	70	72	70	65	66	65	65	66	65	65	66
17	70	70	71	70	65	66	65	65	66	70	65	67
18	70	70	71	70	65	66	70	65	66	70	65	67
19	70	70	71	65	65	66	70	65	66	70	65	66
20	70	70	71	65	65	66	65	65	66	70	65	67
21	70	70	71	65	65	66	65	65	66	70	65	69
22	70	70	71	70	65	66	70	65	66	70	65	69
23	75	70	71	70	65	66	70	65	66	70	65	70
24	75	70	73	65	63	66	70	65	69	70	70	71
25	75	70	72	65	60	64	70	65	67	70	70	71
26	75	70	71	65	65	66	65	65	66	70	70	71
27	75	70	71	65	65	66	65	65	66	70	70	71
28	70	70	71	65	60	63	65	65	66	70	70	71
29	75	70	72	65	60	65	65	65	66	70	70	71
30	---	---	---	70	65	66	65	65	66	70	70	71
31	---	---	---	65	60	65	---	---	---	70	70	71
MONTH	85	70	75	75	60	68	70	60	65	70	65	68

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	70	70	71	80	75	76	75	75	76	85	80	83
2	70	70	71	75	75	76	80	75	76	85	80	83
3	70	70	71	75	75	76	75	75	76	85	80	83
4	70	70	71	75	75	76	80	75	76	85	80	83
5	70	70	71	75	75	76	80	75	76	85	80	83
6	70	70	71	80	75	76	80	75	77	85	80	83
7	70	70	71	75	75	76	80	75	79	85	80	83
8	70	70	71	80	75	76	80	80	81	85	80	82
9	70	70	71	80	75	77	80	80	81	85	80	81
10	70	70	71	80	75	77	80	80	81	85	80	81
11	75	70	71	90	75	76	80	80	81	80	80	81
12	70	70	71	75	75	76	80	80	81	90	80	81
13	70	70	71	80	75	76	80	80	81	80	80	81
14	70	70	71	80	75	76	85	80	81	80	80	81
15	70	70	71	69	65	68	85	80	82	85	80	81
16	75	70	71	69	67	69	85	80	82	85	80	85
17	75	70	71	78	67	69	85	80	83	125	85	100
18	70	70	71	70	67	75	85	80	82	320	85	166
19	75	70	75	81	68	81	85	80	81	465	90	221
20	75	75	76	83	80	80	85	80	81	410	90	190
21	80	75	76	81	79	81	85	80	82	245	85	138
22	90	75	81	83	80	81	85	80	84	175	85	121
23	110	75	87	83	80	82	95	80	83	185	85	128
24	85	75	79	100	80	82	85	80	81	175	85	124
25	80	75	78	80	75	76	85	80	82	165	85	121
26	80	75	77	80	75	76	85	80	82	155	85	113
27	80	75	77	75	75	76	85	80	83	130	85	103
28	80	75	76	75	75	76	85	80	82	170	85	122
29	80	75	77	75	75	76	80	80	81	175	80	102
30	80	75	77	75	75	76	80	80	81	90	80	83
31	---	---	---	80	75	76	80	80	81	---	---	---
MONTH	110	70	74	100	65	76	95	75	81	465	80	105
YEAR	1150	60	95									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.0	7.7	7.6	7.3	7.7	7.5	7.2	7.0	7.3	6.8	7.2	7.0
2	7.9	7.7	7.7	7.3	7.6	7.5	7.1	6.9	7.5	6.9	7.2	7.1
3	7.9	7.7	7.7	7.3	7.6	7.3	7.1	6.9	7.3	7.1	7.2	7.1
4	7.9	7.4	7.6	7.4	7.5	7.2	7.1	6.9	7.2	7.0	7.2	7.0
5	7.5	7.3	7.5	7.1	7.5	7.3	7.1	6.9	7.3	7.1	7.2	7.0
6	7.5	7.3	7.7	7.2	7.5	7.3	7.0	6.9	7.3	7.2	7.1	7.0
7	7.6	7.2	7.6	7.2	7.5	6.9	7.0	6.8	7.3	7.2	7.0	6.9
8	7.5	7.3	7.6	7.3	7.5	7.2	7.0	6.8	7.3	7.2	7.1	6.9
9	7.5	7.3	7.6	7.3	7.5	7.2	7.0	6.9	7.3	7.1	7.1	6.9
10	7.6	7.3	7.5	7.3	7.5	7.2	7.0	6.8	7.3	7.1	7.2	7.0
11	7.5	7.4	7.5	7.1	7.4	7.2	6.9	6.8	7.3	7.1	7.2	6.9
12	7.5	7.3	7.4	7.2	7.3	7.1	6.9	6.8	7.2	7.1	---	---
13	7.4	7.3	7.4	7.2	7.5	7.2	6.9	6.8	7.2	7.1	---	---
14	7.4	7.1	7.6	7.2	7.6	7.2	6.8	6.8	7.1	7.1	7.1	7.0
15	7.4	7.1	7.6	7.5	7.4	7.2	6.8	6.7	7.2	7.0	7.1	6.9
16	7.5	7.2	7.8	7.5	7.4	7.2	6.8	6.7	7.2	7.1	7.1	6.9
17	7.6	7.3	7.8	7.4	7.4	7.2	6.8	6.7	7.1	7.0	7.1	6.9
18	7.6	7.4	7.9	7.4	7.4	7.1	6.8	6.7	7.1	7.0	7.0	7.0
19	7.7	7.3	7.9	7.5	7.3	7.1	6.8	6.7	7.1	7.0	7.0	6.9
20	7.6	7.4	7.9	7.5	7.3	7.1	6.8	6.7	7.0	6.9	7.0	6.9
21	7.4	7.3	7.9	7.4	7.2	7.0	6.8	6.7	7.0	6.9	7.1	6.8
22	7.6	7.2	8.0	7.6	7.1	6.9	6.8	6.7	7.0	6.9	7.2	6.7
23	7.6	7.4	7.8	7.5	7.1	6.8	6.8	6.7	7.1	6.9	7.2	7.0
24	7.5	7.3	7.6	7.3	7.1	6.9	6.8	6.7	7.1	6.9	7.2	6.9
25	7.5	7.1	7.7	7.3	7.2	7.0	6.8	6.7	7.2	6.9	7.2	7.0
26	7.5	7.1	7.7	7.5	7.2	7.1	6.8	6.6	7.2	7.0	7.1	6.9
27	7.5	7.1	7.6	7.3	7.2	6.9	6.8	6.7	7.1	7.0	7.1	6.8
28	7.6	7.2	7.4	7.3	7.2	7.0	6.8	6.7	7.0	7.0	7.1	6.9
29	7.7	7.4	7.7	7.3	7.0	6.9	6.9	6.6	7.1	6.9	7.4	7.0
30	7.7	7.4	7.7	7.5	7.1	6.9	6.9	6.7	---	---	7.4	6.9
31	7.7	7.3	---	---	7.2	7.0	6.9	6.8	---	---	7.4	7.1
MONTH	8.0	7.1	8.0	7.1	7.7	6.8	7.2	6.6	7.5	6.8	7.4	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	6.9	7.3	7.0	7.4	6.6	6.6	6.4	7.2	6.8	7.1	6.9
2	7.1	6.9	7.3	7.0	8.2	6.7	6.6	6.4	7.1	6.8	7.1	6.9
3	7.1	6.7	7.3	7.1	8.2	6.6	7.1	6.4	7.4	6.8	7.0	6.8
4	7.2	7.1	7.6	7.1	7.5	6.6	7.1	6.5	7.3	6.9	7.0	6.9
5	7.3	6.9	7.9	7.1	7.5	6.6	6.7	6.5	7.3	6.9	7.0	6.9
6	7.4	6.8	7.6	7.1	7.3	6.5	6.7	6.5	7.3	6.9	7.0	6.9
7	7.3	6.9	7.6	7.1	7.2	6.5	6.6	6.5	7.3	6.9	7.2	6.9
8	7.3	6.9	7.4	7.0	7.1	6.5	6.6	6.5	7.5	6.9	7.3	7.0
9	7.3	7.1	8.0	7.2	7.1	6.5	6.6	6.5	7.6	7.0	7.2	7.0
10	7.3	7.0	8.0	7.6	7.1	6.5	6.6	6.6	7.3	6.9	7.2	7.0
11	7.4	7.0	7.9	7.6	7.1	6.5	6.7	6.5	7.3	6.8	7.2	6.7
12	7.5	7.1	7.7	7.4	6.7	6.4	6.7	6.5	7.3	6.9	7.2	7.0
13	7.5	6.9	7.5	7.3	6.6	6.4	7.1	6.5	7.2	6.8	7.2	7.1
14	7.2	7.0	7.5	7.2	6.6	6.4	7.1	6.5	7.0	6.7	7.7	7.1
15	7.1	7.0	7.8	7.1	6.7	6.4	6.8	6.6	7.0	6.7	7.7	7.2
16	7.3	7.1	7.7	7.0	7.1	6.4	6.8	6.6	7.0	6.8	7.5	7.1
17	7.5	7.1	7.8	7.0	7.1	6.4	7.0	6.7	7.0	6.8	7.5	7.1
18	7.6	7.1	7.9	7.0	7.1	6.4	7.0	6.7	7.0	6.8	7.5	7.1
19	7.5	7.1	7.6	6.6	6.6	6.4	6.9	6.7	7.0	6.8	7.4	7.1
20	7.4	7.2	7.6	6.6	6.5	6.4	6.9	6.7	6.9	6.7	7.4	7.1
21	7.4	7.2	7.6	6.7	6.6	6.4	7.0	6.7	6.9	6.7	7.3	7.1
22	7.3	7.1	7.6	6.6	6.5	6.4	7.1	6.6	6.9	6.8	7.3	7.1
23	7.2	7.0	7.3	6.6	6.5	6.4	6.9	6.7	6.9	6.8	7.3	6.9
24	7.3	6.9	7.2	6.6	6.5	6.4	7.0	6.7	6.9	6.8	7.2	7.0
25	7.4	7.0	7.3	6.4	6.6	6.4	7.0	6.9	7.1	6.8	7.3	7.0
26	7.4	7.1	7.2	6.6	6.7	6.5	7.1	6.9	7.1	6.9	7.4	7.0
27	7.3	7.2	7.2	6.6	6.6	6.5	7.2	6.9	7.3	6.9	7.3	7.0
28	7.3	7.1	6.7	6.5	6.5	6.4	7.4	6.9	7.3	6.9	7.3	7.0
29	7.3	7.1	6.7	6.4	6.5	6.4	7.3	6.9	7.2	6.8	7.3	7.0
30	7.2	7.1	6.6	6.4	6.7	6.4	7.3	6.8	7.1	6.8	7.3	7.0
31	---	---	7.5	6.4	---	---	7.2	6.8	7.1	6.9	---	---
MONTH	7.6	6.7	8.0	6.4	8.2	6.4	7.4	6.4	7.6	6.7	7.7	6.7
YEAR	8.2	6.4										

02172050 COOPER RIVER NEAR GOOSE CREEK, SC—Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.0	22.5	23.0	19.5	18.5	19.0	14.5	14.0	14.5	7.0	6.0	6.5
2	23.5	22.5	23.0	19.5	19.0	19.0	14.5	14.0	14.5	6.5	6.0	6.5
3	24.0	23.0	23.5	20.0	19.0	19.5	15.5	14.5	15.0	7.0	6.5	6.5
4	24.5	23.5	24.0	19.5	19.0	19.5	16.0	15.5	16.0	7.0	6.5	7.0
5	24.5	24.0	24.0	19.5	18.5	19.0	16.0	15.0	15.5	7.5	7.0	7.0
6	25.0	24.5	24.5	18.5	18.0	18.5	16.0	15.5	16.0	7.5	7.0	7.5
7	24.5	24.0	24.5	18.5	17.0	18.0	15.5	14.0	14.5	7.5	7.0	7.5
8	24.5	23.5	24.0	18.0	18.0	18.0	14.0	13.5	14.0	8.0	7.0	7.5
9	24.0	23.0	23.5	18.0	18.0	18.0	14.5	13.5	14.0	8.0	7.0	7.5
10	23.5	23.0	23.5	18.5	18.0	18.5	14.5	14.0	14.0	8.0	7.5	8.0
11	23.5	23.0	23.0	18.5	17.0	18.0	14.5	14.5	14.5	8.5	7.5	8.0
12	23.5	23.0	23.0	17.5	16.5	17.5	14.5	14.5	14.5	7.5	7.0	7.5
13	23.5	23.0	23.5	17.0	16.0	16.5	15.0	14.5	14.5	7.0	7.0	7.0
14	23.5	22.5	23.5	16.0	15.5	16.0	15.0	14.5	14.5	7.0	6.5	7.0
15	24.0	22.0	22.5	16.5	15.5	16.0	14.5	14.0	14.5	7.0	7.0	7.0
16	22.5	22.0	22.0	16.5	15.5	16.5	14.0	13.5	14.0	7.0	6.5	7.0
17	22.0	22.0	22.0	15.5	14.5	15.0	14.0	13.5	14.0	7.5	7.0	7.5
18	22.5	22.0	22.0	15.0	14.5	15.0	14.0	13.0	13.5	7.5	7.0	7.5
19	22.5	22.0	22.5	15.5	14.5	15.0	13.5	13.0	13.0	8.0	7.5	8.0
20	22.5	22.0	22.0	15.5	15.0	15.5	13.0	12.0	12.5	8.0	7.0	7.0
21	22.0	21.0	21.5	16.0	15.0	15.5	12.5	11.5	12.0	7.0	6.0	6.5
22	21.0	20.5	21.0	15.5	16.0	15.5	12.5	11.5	12.0	6.5	6.0	6.5
23	21.0	20.5	21.0	16.0	14.5	15.5	12.0	11.5	11.5	7.0	6.0	6.5
24	21.5	21.0	21.5	16.0	15.5	15.5	11.5	10.0	11.0	7.0	6.5	7.0
25	21.5	21.0	21.5	16.0	14.5	15.5	10.0	8.0	8.5	7.5	7.0	7.0
26	21.5	21.0	21.0	15.0	14.0	14.5	8.5	7.5	8.0	7.5	7.0	7.0
27	21.0	20.0	20.5	15.0	14.5	14.5	8.0	7.5	7.5	7.5	7.0	7.0
28	20.5	19.5	20.0	15.5	15.0	15.5	8.5	8.0	8.5	8.0	7.0	7.5
29	20.0	20.5	19.5	15.5	14.5	15.0	8.5	8.5	8.5	8.0	7.5	8.0
30	19.5	19.5	19.5	14.5	14.0	14.5	8.5	7.5	8.0	8.5	8.0	8.0
31	19.5	19.0	19.0	—	—	—	7.5	6.5	7.0	8.0	7.5	8.0
MONTH	25.0	19.0	22.0	20.0	14.0	16.5	16.0	6.5	12.5	8.5	6.0	7.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	7.5	7.5	10.5	9.5	10.0	17.0	15.5	16.0	20.5	19.5	20.0
2	8.0	7.0	7.5	10.5	9.5	10.5	17.0	15.5	16.5	20.5	20.0	20.5
3	8.5	7.5	8.0	11.0	10.0	10.5	16.5	16.0	16.0	20.5	20.0	20.5
4	8.5	8.0	8.5	11.5	10.5	11.0	17.0	16.0	16.5	21.5	19.5	20.5
5	9.0	8.0	8.5	11.5	10.5	11.0	17.0	16.0	16.5	22.0	20.5	21.5
6	8.5	8.0	8.0	12.0	11.5	.0	17.0	15.5	16.5	22.0	21.0	21.5
7	8.0	7.5	7.5	12.0	11.0	11.5	17.0	16.0	16.5	23.0	21.5	22.0
8	8.0	7.0	7.5	12.5	11.0	12.0	17.0	16.0	17.0	23.0	22.0	22.5
9	8.0	7.0	7.5	12.0	11.0	11.5	17.0	16.5	16.5	22.5	21.5	22.5
10	8.5	7.5	8.0	12.0	11.0	11.5	16.5	15.5	16.0	22.5	21.5	22.0
11	7.5	7.0	8.5	12.5	11.0	12.0	16.5	15.0	15.5	23.0	22.0	22.5
12	9.0	7.5	9.0	12.0	11.5	—	17.0	15.5	16.5	23.0	22.0	22.5
13	9.5	8.5	9.0	11.5	12.0	—	17.0	16.5	16.5	23.5	22.5	23.0
14	9.5	9.0	9.5	13.0	12.5	13.0	18.0	17.0	17.5	24.0	23.0	23.5
15	10.5	9.5	10.0	13.5	12.5	13.0	18.0	16.5	17.5	24.0	23.0	23.5
16	11.0	10.0	10.5	14.0	13.0	13.5	18.0	16.5	17.5	23.5	22.5	23.0
17	11.5	10.5	11.0	14.5	13.5	14.0	17.5	16.5	17.0	23.5	22.5	23.0
18	12.0	10.5	11.0	14.5	14.0	14.0	17.5	16.5	17.0	23.5	21.5	23.0
19	12.0	11.0	11.5	15.0	13.5	14.0	18.0	17.0	17.5	21.5	20.5	21.0
20	11.5	11.0	11.5	15.0	13.5	14.5	18.0	17.0	17.5	24.0	21.0	21.5
21	11.5	11.0	11.5	15.0	13.5	14.0	19.0	17.5	18.0	24.0	21.5	22.0
22	11.5	11.5	11.5	15.0	13.5	14.5	18.5	18.0	18.0	24.0	21.0	23.0
23	12.0	10.5	11.5	15.0	13.5	15.0	18.5	18.0	18.0	24.0	21.0	22.0
24	12.5	11.0	12.0	15.5	14.5	15.5	17.0	17.5	18.0	24.0	21.0	21.5
25	12.5	11.5	12.0	16.0	15.0	15.5	18.5	17.5	18.0	24.5	21.0	22.5
26	12.0	11.5	12.0	16.0	15.0	16.0	19.5	18.5	19.0	24.5	22.0	24.0
27	12.0	11.0	12.0	16.0	15.5	16.0	19.5	18.5	19.0	24.5	24.0	24.5
28	12.0	11.0	11.5	17.0	15.5	16.5	20.0	19.0	19.5	24.5	24.0	24.5
29	11.0	10.5	10.5	17.0	15.5	16.5	20.0	19.5	20.0	24.5	24.0	24.5
30	—	—	—	16.0	15.0	15.5	20.0	19.0	19.5	24.5	21.5	23.0
31	—	—	—	16.5	15.0	16.0	—	—	—	24.5	20.5	21.0
MONTH	12.5	7.0	10.0	17.0	9.5	13.0	20.0	15.0	17.5	24.5	19.5	22.5

BEST COPY AVAILABLE

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	20.0	21.0	25.5	25.0	25.5	28.0	27.5	27.5	28.5	28.0	29.5
2	24.5	21.0	22.5	26.0	25.0	25.5	28.0	27.0	27.5	28.5	29.0	28.5
3	25.0	21.5	23.5	26.5	25.0	26.0	27.0	27.0	27.5	28.5	29.0	28.5
4	25.5	24.0	25.0	26.5	25.5	26.0	28.0	27.5	28.0	28.5	27.0	29.0
5	25.5	24.0	25.0	26.5	26.0	26.0	29.0	28.0	28.5	28.0	27.5	27.5
6	25.5	24.0	24.5	26.5	25.5	26.0	29.0	28.0	28.5	27.0	26.5	27.0
7	25.0	22.0	24.5	26.0	25.5	26.0	29.5	28.5	29.0	26.5	26.0	26.5
8	25.0	24.0	24.5	26.0	26.0	26.0	29.5	29.0	29.5	26.0	25.5	26.0
9	25.0	24.0	25.0	26.0	25.5	26.0	30.0	29.5	29.5	25.5	25.5	25.5
10	25.0	24.5	25.0	26.0	25.5	26.0	30.0	29.5	29.5	25.5	25.0	25.5
11	26.0	25.0	25.5	26.5	25.5	26.0	30.0	29.0	29.5	25.5	25.0	25.0
12	26.0	25.0	25.5	26.5	25.5	26.0	30.0	29.0	39.5	25.5	25.0	25.0
13	26.0	25.5	25.5	26.5	26.0	26.5	30.0	29.0	29.5	25.5	25.0	25.5
14	26.5	25.5	26.0	26.5	26.0	26.5	30.0	29.0	29.5	28.0	25.0	25.5
15	26.5	25.0	26.0	28.0	26.0	26.5	30.0	29.5	30.0	26.5	26.0	26.0
16	26.5	25.0	26.0	28.5	27.0	27.5	30.0	29.5	30.0	26.5	25.0	26.0
17	27.0	25.0	26.0	28.5	27.5	28.0	30.0	29.5	30.0	25.5	24.0	25.0
18	27.0	25.0	26.0	28.0	27.0	27.5	30.0	29.5	30.0	24.5	23.5	24.0
19	26.0	25.0	25.5	28.0	27.0	27.5	30.0	29.0	29.5	24.0	23.0	23.5
20	26.0	25.5	26.0	27.5	27.0	27.0	29.0	28.5	29.0	24.0	23.0	23.5
21	26.5	26.0	26.0	27.5	27.0	27.0	28.5	27.5	28.5	24.0	23.5	23.5
22	26.5	25.5	26.0	27.5	27.0	27.5	28.5	27.5	28.0	24.5	24.0	24.0
23	26.0	25.5	25.5	27.5	27.0	27.5	28.5	27.5	28.0	24.5	24.0	24.5
24	26.0	25.0	25.5	27.5	27.0	---	28.5	28.0	28.0	24.5	24.0	24.5
25	26.5	25.5	26.0	28.0	27.5	28.0	28.5	28.0	24.0	25.0	24.0	24.5
26	26.5	26.5	27.0	28.0	27.5	28.0	28.5	28.0	28.0	24.0	24.0	24.5
27	26.5	26.0	26.5	28.5	27.5	29.5	28.5	27.5	28.0	25.0	24.0	25.0
28	26.0	25.5	26.0	28.5	28.0	28.0	28.5	27.5	28.0	24.5	22.5	23.5
29	25.5	25.5	25.5	28.0	27.5	28.0	29.0	27.0	28.0	23.0	21.5	22.0
30	25.5	25.0	25.5	28.0	27.0	27.5	28.5	27.5	28.0	21.5	21.0	21.5
31	---	---	---	28.0	27.0	27.5	28.5	28.0	28.5	---	---	---
MONTH	27.0	20.0	25.5	28.5	25.0	27.0	30.0	27.0	29.0	28.5	21.0	25.5
YEAR	30.0	6.0	19.0									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC—Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	7.5	7.8	8.2	7.5	7.8	10.0	9.6	9.8	11.5	11.2	11.4
2	7.7	7.3	7.6	8.2	7.8	8.0	10.0	9.6	9.8	11.3	11.2	11.3
3	7.6	7.2	7.4	8.3	7.9	8.1	10.0	9.4	9.7	11.3	11.0	11.2
4	8.3	6.9	7.6	8.1	7.9	8.1	9.7	9.1	9.4	11.7	10.9	11.2
5	8.3	7.4	7.8	8.4	7.6	8.0	9.8	9.1	9.4	11.6	11.2	11.4
6	8.0	7.2	7.6	8.7	7.9	8.3	9.5	8.9	9.2	11.6	11.1	11.3
7	8.2	7.1	7.5	8.5	8.1	8.4	10.5	8.9	9.6	11.6	11.0	11.4
8	8.0	7.1	7.5	8.3	7.9	8.2	10.3	9.6	10.0	11.4	10.9	11.2
9	7.8	7.2	7.5	8.4	7.8	8.3	10.2	9.7	10.0	11.3	11.0	11.2
10	7.9	7.1	7.5	8.6	8.0	8.3	10.2	9.4	9.8	11.2	10.7	11.0
11	7.6	7.2	7.5	8.5	8.2	8.4	10.1	9.2	9.5	11.2	10.7	11.0
12	7.5	6.9	7.2	9.0	8.2	8.7	9.3	8.7	9.1	11.3	11.0	11.2
13	8.2	6.8	7.5	9.2	8.9	9.0	9.8	9.0	9.3	11.2	11.1	11.2
14	8.0	7.6	7.9	9.4	9.2	9.3	9.9	9.2	9.6	11.3	11.1	11.2
15	7.7	7.5	7.6	9.5	9.2	9.4	9.9	9.3	9.6	11.2	11.0	11.2
16	7.8	7.4	7.7	9.4	9.2	9.4	10.1	9.4	9.8	11.1	10.9	11.1
17	7.9	7.4	7.6	9.7	9.3	9.5	10.1	9.7	9.9	11.0	10.8	11.0
18	7.9	7.3	7.6	9.8	9.5	9.7	10.0	9.5	9.8	11.0	10.7	10.9
19	7.9	6.8	7.4	9.9	9.4	9.7	10.1	9.4	9.7	11.1	10.5	10.9
20	7.7	7.2	7.5	9.7	9.3	9.5	10.6	9.5	10.1	11.2	10.8	11.0
21	7.4	7.1	7.4	9.4	8.8	9.2	10.5	9.9	10.2	11.4	10.9	11.2
22	7.8	7.2	7.4	10.1	9.2	9.6	10.2	9.8	10.0	11.5	11.1	11.3
23	7.4	7.2	7.4	9.9	9.5	9.8	10.2	9.8	10.0	11.4	11.2	11.4
24	7.5	6.9	7.2	9.9	9.3	9.6	10.6	9.9	10.3	11.3	10.9	11.1
25	7.3	6.9	7.2	9.9	9.0	9.4	11.1	10.5	10.8	11.1	10.7	10.9
26	8.2	6.9	7.6	9.9	9.4	9.7	11.3	10.8	11.0	11.6	10.5	11.2
27	8.0	7.7	7.9	9.8	9.3	9.6	11.2	10.5	11.1	11.6	11.0	11.4
28	8.0	7.6	7.9	9.6	9.1	9.4	11.0	10.6	10.9	11.4	11.0	11.2
29	8.0	7.8	7.9	9.7	9.1	9.3	10.9	10.4	10.8	11.4	10.8	11.1
30	7.9	6.6	7.8	10.0	9.4	9.7	11.1	10.2	10.7	11.3	10.7	10.9
31	7.8	7.6	7.7	—	—	—	11.5	11.0	11.2	11.0	10.6	10.8
MONTH	8.3	6.6	7.6	10.1	7.5	9.0	11.5	8.7	10.0	11.7	10.5	11.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.6	10.7	11.2	10.4	10.1	10.3	8.7	8.4	8.5	8.6	7.6	8.1
2	11.6	11.3	11.4	10.5	10.1	10.3	8.5	8.0	8.4	8.4	7.8	8.2
3	11.4	11.1	11.3	10.4	10.1	10.3	8.4	7.8	8.2	8.0	7.4	7.7
4	11.2	10.9	11.1	10.4	10.0	10.2	8.0	7.3	7.7	8.1	7.1	7.6
5	11.5	10.7	11.1	10.2	9.3	9.8	8.5	7.3	8.0	8.8	7.8	8.3
6	11.3	10.8	11.0	9.3	8.7	9.1	8.8	8.0	8.4	8.6	7.6	8.1
7	11.6	10.9	11.3	9.9	9.3	9.6	8.9	8.1	8.5	8.3	7.5	7.8
8	11.6	11.2	11.5	10.1	9.5	9.8	8.9	8.0	8.5	7.8	6.9	7.4
9	11.6	11.2	11.4	10.3	9.6	10.1	8.7	8.1	8.4	8.4	7.3	7.7
10	11.5	11.1	11.4	10.4	9.8	10.1	8.7	8.1	8.5	8.5	7.7	8.1
11	11.4	11.0	11.3	10.4	9.6	10.0	8.8	8.4	8.6	8.2	7.5	8.0
12	11.3	10.8	11.1	—	—	—	8.8	8.3	8.7	7.9	7.3	7.6
13	11.0	10.5	10.8	—	—	—	8.5	7.4	8.1	7.5	6.9	7.2
14	10.8	10.4	10.6	10.2	9.7	10.0	7.9	6.9	7.5	7.1	6.5	6.8
15	10.8	10.3	10.6	10.1	9.7	9.9	7.6	7.0	7.4	7.9	6.4	7.1
16	10.9	10.4	10.7	9.9	8.4	9.2	8.3	7.4	7.9	8.8	6.9	7.8
17	10.8	10.4	10.7	9.4	8.9	9.2	8.5	7.9	8.3	9.0	7.5	8.2
18	10.8	10.4	10.6	9.2	8.9	9.1	8.9	8.1	8.5	9.1	7.6	8.3
19	10.5	10.1	10.3	8.9	7.8	8.5	8.9	8.1	8.5	8.4	6.9	7.8
20	10.2	9.7	10.0	8.8	8.0	8.5	8.7	8.2	8.5	8.4	6.7	7.7
21	10.1	9.6	9.9	9.2	8.4	9.0	8.7	7.3	8.2	8.5	6.8	7.9
22	10.0	9.5	9.8	9.2	8.4	8.8	8.7	7.5	8.1	8.5	6.8	7.9
23	10.2	9.5	9.8	9.1	8.0	8.8	7.9	7.3	7.6	8.3	6.6	7.5
24	10.1	9.5	9.8	8.8	8.1	8.5	8.7	7.8	8.1	8.1	6.6	7.0
25	10.3	9.7	10.0	8.4	7.6	8.1	8.6	7.9	8.3	8.2	6.6	7.7
26	10.3	9.9	10.0	8.5	7.7	8.2	8.8	8.1	8.4	8.1	6.9	7.5
27	10.1	9.3	9.7	8.4	7.7	8.1	8.7	8.2	8.4	7.8	6.6	6.9
28	9.7	9.3	9.5	7.9	6.4	7.1	8.5	8.0	8.3	7.1	6.6	6.9
29	10.1	9.6	9.9	8.3	6.8	7.6	8.6	8.1	8.4	7.1	6.5	6.8
30	—	—	—	8.7	8.3	8.5	8.4	7.9	8.2	7.1	6.4	6.8
31	—	—	—	8.8	8.3	8.6	—	—	—	8.4	6.7	7.4
MONTH	11.6	9.3	10.6	10.5	6.4	9.2	8.9	6.9	8.2	9.1	6.4	7.6

BEST COPY AVAILABLE

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.5	7.0	8.0	5.7	4.3	5.2	7.1	5.6	6.3	6.1	5.4	5.9
2	9.2	7.7	8.3	6.3	5.0	5.4	6.6	5.5	6.1	5.9	5.2	5.6
3	8.5	7.0	8.1	6.5	5.2	5.7	7.0	5.5	6.1	5.5	5.0	5.3
4	8.5	6.6	7.7	5.7	5.2	5.5	6.8	5.7	6.2	5.4	5.1	5.3
5	8.3	6.6	7.4	5.7	5.2	5.5	6.7	5.6	6.1	5.6	5.0	5.4
6	8.2	6.3	7.2	5.7	5.2	5.5	6.9	5.6	6.3	6.3	5.6	5.9
7	8.1	6.6	7.4	5.5	5.2	5.4	6.7	5.8	6.4	6.7	5.9	6.3
8	7.8	6.6	7.2	5.6	5.2	5.4	7.0	5.9	6.4	6.8	6.2	6.5
9	7.1	6.6	6.9	5.6	5.1	5.3	6.9	5.8	6.4	6.6	6.2	6.4
10	7.1	6.6	6.8	5.4	5.1	5.2	6.5	5.5	6.1	7.2	5.9	6.4
11	7.1	6.5	6.8	5.2	4.3	5.0	6.4	5.1	5.7	7.0	5.6	6.6
12	7.0	5.6	6.5	6.4	4.0	5.2	6.4	5.2	5.8	6.9	6.1	6.6
13	6.7	5.2	6.0	6.3	5.2	5.6	6.2	5.0	5.5	6.7	6.3	6.5
14	6.5	5.2	5.8	5.7	5.2	5.4	5.6	4.5	4.9	7.2	6.3	6.6
15	6.5	5.1	5.7	5.6	4.9	5.3	6.1	4.5	5.3	6.8	6.2	6.6
16	6.6	5.1	5.7	5.9	4.7	5.2	5.9	5.2	5.7	6.4	6.0	6.2
17	6.4	5.0	5.6	5.8	4.7	5.2	5.9	5.1	5.6	6.3	5.8	6.2
18	6.3	4.9	5.4	5.4	4.5	4.9	5.7	4.9	5.5	6.3	5.9	6.1
19	5.7	5.0	5.4	5.9	4.6	5.2	5.7	4.7	5.1	6.1	5.9	6.0
20	5.7	5.2	5.5	6.1	5.2	5.6	4.8	4.4	4.7	6.8	5.9	6.3
21	5.6	5.2	5.4	6.3	5.2	5.7	4.8	4.3	4.7	6.9	6.3	6.7
22	5.3	5.0	5.2	5.8	5.0	5.4	5.1	4.3	4.8	7.0	6.4	6.7
23	5.2	4.2	4.9	6.1	5.2	5.6	5.5	5.1	5.3	6.9	6.2	6.7
24	5.3	4.2	4.6	5.9	5.1	5.5	5.6	5.1	5.4	7.0	6.2	6.6
25	5.4	4.1	4.9	6.7	6.1	6.4	6.2	5.2	5.6	7.1	6.3	6.6
26	5.3	4.2	5.0	6.8	6.1	6.4	6.3	5.5	5.9	7.7	6.2	7.0
27	4.3	3.8	4.1	6.8	5.8	6.3	6.4	5.4	5.9	7.3	6.5	7.0
28	5.7	3.8	4.8	7.0	5.7	6.3	6.4	5.3	5.9	7.0	6.6	6.9
29	5.6	4.2	5.0	6.8	5.9	6.4	6.8	5.1	6.0	7.6	6.6	7.0
30	5.2	3.9	4.7	6.7	5.7	6.2	6.5	5.3	5.9	7.5	7.0	7.3
31	---	---	---	7.2	5.5	6.4	6.2	5.3	5.9	---	---	---
MONTH	9.2	3.8	6.1	7.2	4.0	5.6	7.1	4.3	5.7	7.7	5.0	6.4
YEAR	11.7	3.8	8.1									

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

LOCATION.—Lat 33°00'15", long 79°55'23", Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 6.6 mi from junction of East and West Branch Cooper River and at mile 23.2.

PERIOD OF RECORD.-October 1980 to current year.

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: October 1980 to current year.
pH: June 1983 to current year.
WATER TEMPERATURE: June 1983 to current year.
DISSOLVED OXYGEN: June 1983 to current year.

INSTRUMENTATION.—USGS mini-monitor October 1980 to June 1983. USGS water-quality monitor since June 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 13,900 microsiemens Nov. 12, 1981; minimum, 60 microsiemens several days in May-July, and Sept. 1984.
pH: Maximum, 8.3 units Sept. 19, 1983, Nov. 13, 20, 1984; minimum, 6.2 units Sept. 4-7, 1983.
WATER TEMPERATURE: Maximum, 31.5°C Aug. 15, 16, 1984; minimum, 5.9 Jan. 2. 1984.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L Mar. 4, 1984; minimum 4.3 mg/L June 28, 29, 1984.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 9,970 microsiemens Oct. 18; minimum, 60 microsiemens several days in May-July, and Sept.
pH: Maximum, 8.3 units Nov. 13, 20; minimum, 6.3 units Mar. 27.
WATER TEMPERATURE: Maximum, 31.5°C Aug. 15, 16; minimum, 5.9 Jan. 2.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L Mar. 4; minimum 4.3 mg/L June 28, 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9640	560	2360	4190	170	1400	150	100	104	8470	100	1580
2	6920	420	1710	3340	160	901	160	100	106	9970	100	2500
3	6510	340	1460	3760	190	1230	130	100	103	9520	100	1280
4	6940	400	1940	2550	240	664	130	100	103	9660	100	1690
5	5770	420	1880	4210	190	991	110	100	102	110	90	98
6	5360	410	1650	2900	220	803	110	100	102	90	90	90
7	7270	410	2300	2250	160	639	110	100	104	90	80	90
8	8490	720	2850	5490	160	1290	110	100	109	90	80	89
9	5660	560	1790	6190	180	945	110	100	102	90	80	86
10	5020	430	1370	1690	160	390	100	100	100	90	80	88
11	7890	430	1790	190	100	134	100	100	100	90	80	83
12	3680	250	787	4620	100	520	100	100	100	90	80	90
13	1990	150	481	8610	130	1550	100	100	100	80	80	80
14	510	110	161	7500	160	1490	100	100	100	80	80	80
15	5790	110	727	5800	140	957	100	100	100	100	80	83
16	9900	140	1620	210	100	126	110	100	101	100	80	[illegible]
17	9960	240	2210	140	100	109	110	100	101	100	80	88
18	9970	310	2650	610	100	147	110	100	104	100	80	90
19	8850	380	2490	1460	100	289	---	---	---	90	70	86
20	9190	460	1870	5680	120	856	120	100	111	120	80	92
21	2310	180	471	1060	120	244	120	100	109	120	90	94
22	4800	150	871	890	110	236	110	110	110	110	80	91
23	6290	170	1640	580	110	189	110	110	110	90	80	[illegible]
24	2560	160	589	730	110	215	110	110	110	90	80	82
25	2010	130	391	170	100	117	180	110	128	80	80	80
26	6950	150	1300	250	100	121	110	110	110	80	80	80
27	5860	220	1270	650	100	164	110	110	110	90	80	80
28	5830	200	1140	160	100	120	110	110	110	80	80	80
29	1670	180	470	110	100	101	1410	110	408	80	80	80
30	6720	150	1250	110	100	103	9260	110	1170	80	80	80
31	4070	180	1200	---	---	---	5420	110	1010	100	80	83
MONTH	9970	110	1440	8610	100	575	9260	100	181	9970	70	302

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	90	80	85	81	81	81	81	81	81	71	61	65
2	91	91	91	81	81	81	81	81	81	71	61	69
3	91	91	91	81	81	81	81	81	81	71	71	71
4	91	91	91	81	81	81	81	81	81	71	61	70
5	91	91	91	81	71	80	81	81	81	71	61	67
6	91	91	91	81	81	81	81	81	81	71	61	62
7	91	91	91	81	81	81	81	81	81	61	61	61
8	91	91	91	81	81	81	81	81	81	61	61	61
9	91	91	91	81	81	81	91	81	91	71	61	64
10	91	91	91	81	81	81	81	81	81	71	61	67
11	91	91	91	81	81	81	81	81	81	71	61	64
12	91	91	91	81	81	81	91	81	81	71	61	66
13	110	90	97	91	81	81	91	81	83	71	61	67
14	110	90	97	81	81	81	91	81	85	71	61	70
15	140	80	106	81	81	81	91	81	86	71	61	71
16	130	80	96	81	81	81	91	81	91	110	70	90
17	110	80	97	81	81	81	100	90	93	130	70	113
18	110	90	99	81	81	81	100	70	84	130	100	114
19	110	100	101	110	80	89	81	71	78	120	70	110
20	100	100	100	100	80	96	71	71	71	120	100	107
21	100	100	100	81	81	81	71	71	71	100	60	83
22	100	100	100	81	81	81	71	61	65	71	71	71
23	110	80	84	81	81	81	61	61	61	71	71	71
24	81	81	81	100	80	85	61	61	61	71	71	71
25	81	81	81	91	81	84	71	61	66	71	71	71
26	81	81	81	81	71	81	71	61	65	71	71	71
27	81	81	81	81	71	79	71	61	64	71	71	71
28	81	81	81	81	81	81	71	61	62	120	70	77
29	81	81	81	81	81	81	71	61	62	150	70	118
30	---	---	---	91	81	82	71	61	64	130	80	97
31	---	---	---	81	81	81	---	---	---	91	81	86
MONTH	140	80	91	110	71	82	100	61	76	150	60	78

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	91	81	85	190	70	117	71	71	71	220	110	139
2	91	81	86	170	70	101	71	71	71	260	100	143
3	91	81	89	220	60	113	71	71	71	180	80	129
4	100	70	90	220	70	110	71	71	71	180	80	119
5	100	70	88	170	60	83	71	71	71	230	80	109
6	140	70	89	100	60	72	190	70	96	360	80	111
7	130	70	86	91	61	71	250	70	133	320	70	107
8	140	70	86	130	70	79	230	70	126	170	80	102
9	140	70	88	370	70	106	220	70	124	130	80	98
10	140	70	81	260	60	92	220	70	123	110	80	95
11	130	70	79	150	60	77	260	70	116	110	80	94
12	120	70	86	260	60	114	220	70	117	100	80	92
13	150	70	88	280	71	132	170	70	102	110	90	99
14	140	60	78	71	71	71	220	70	118	110	90	97
15	81	61	68	71	71	71	250	70	108	120	90	101
16	81	61	77	71	71	71	81	71	80	4260	90	535
17	110	60	76	71	71	71	81	71	80	9250	60	1350
18	100	60	76	71	71	71	81	71	77	7680	140	1610
19	81	61	74	81	71	71	81	71	78	9830	200	2100
20	230	60	113	240	70	110	81	71	78	8400	160	1340
21	340	60	140	250	70	163	1960	70	202	4570	90	643
22	3280	110	646	260	70	141	710	90	137	3930	100	569
23	2180	120	383	270	70	141	120	70	89	3080	90	560
24	950	100	207	260	70	143	350	70	109	1900	90	400
25	290	70	152	240	70	108	470	80	153	420	100	262
26	1440	80	244	81	71	72	430	90	151	1360	90	382
27	710	90	172	81	61	71	410	100	162	730	100	231
28	390	100	136	71	71	71	370	100	130	1740	100	437
29	240	80	124	71	71	71	150	80	119	450	100	177
30	410	70	199	110	70	83	240	90	126	710	80	165
31	---	---	---	91	71	75	210	90	128	---	---	---
MONTH	3280	60	136	370	60	95	1960	70	110	9830	60	413
YEAR	9970	60	300									

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.7	6.9	7.9	6.9	7.1	7.0	7.8	7.0	—	—	7.4	7.4
2	7.5	6.8	7.8	7.0	7.1	7.0	7.8	7.0	—	—	7.5	7.4
3	7.5	6.7	7.8	6.9	7.2	7.0	7.8	6.9	—	—	7.5	7.2
4	7.5	6.7	7.7	6.9	7.1	6.9	7.7	6.7	—	—	7.4	7.0
5	7.4	6.7	7.8	7.1	7.1	6.8	7.9	6.9	—	—	7.4	7.0
6	7.3	6.6	7.7	6.7	7.1	6.8	7.2	7.0	—	—	7.4	7.1
7	7.3	6.6	7.7	7.1	6.9	6.6	7.1	6.9	—	—	7.3	6.7
8	7.4	6.8	8.0	7.0	7.0	6.7	7.1	6.9	—	—	6.8	6.7
9	7.3	6.8	8.1	7.1	7.1	6.9	7.0	6.9	—	—	6.8	6.7
10	7.3	6.7	7.6	6.8	7.0	6.7	7.0	6.9	—	—	6.9	6.8
11	7.5	6.8	7.0	6.8	7.0	6.7	7.0	6.8	—	—	6.9	6.8
12	7.3	6.7	7.9	6.8	6.7	6.5	7.0	7.0	—	—	6.9	6.8
13	7.5	6.6	8.3	7.0	6.8	6.6	7.1	7.0	—	—	6.9	6.8
14	7.2	6.8	8.2	7.1	7.1	6.8	7.1	6.9	—	—	6.8	6.7
15	7.8	6.7	8.1	7.1	7.0	6.8	7.2	6.7	—	—	6.8	6.7
16	8.1	6.8	7.4	7.3	7.0	6.8	7.1	6.6	—	—	6.8	6.7
17	8.0	6.9	7.4	7.3	7.1	6.9	7.2	6.7	—	—	6.7	6.7
18	8.0	7.0	7.7	7.3	7.1	6.7	—	—	—	—	6.7	6.7
19	8.0	6.9	7.9	7.4	—	—	—	—	—	—	6.7	6.6
20	8.1	6.8	8.3	7.5	7.1	6.9	—	—	—	—	6.7	6.6
21	7.6	6.9	7.8	7.2	7.2	6.9	—	—	—	—	6.7	6.6
22	7.8	6.9	7.6	7.1	7.1	6.4	—	—	—	—	6.7	6.6
23	7.9	6.9	7.4	7.1	7.0	6.4	—	—	—	—	6.7	6.6
24	7.5	6.8	7.5	7.0	7.0	6.4	—	—	—	—	6.7	6.6
25	7.5	6.8	7.2	6.8	7.3	6.6	—	—	—	—	6.7	6.6
26	7.9	6.8	7.1	6.8	7.4	6.8	—	—	—	—	6.6	6.4
27	7.9	7.1	7.4	7.0	7.5	6.9	—	—	—	—	6.9	6.3
28	7.9	7.2	7.1	6.9	7.4	6.9	—	—	—	—	6.9	6.8
29	7.6	6.9	7.0	6.8	7.3	7.2	—	—	7.3	7.1	6.9	6.7
30	8.1	7.1	7.1	6.9	7.3	7.1	—	—	—	—	6.7	6.7
31	7.9	7.0	—	—	7.6	7.2	—	—	—	—	6.8	6.7
MONTH	8.1	6.6	8.3	6.7	7.6	6.4	7.9	6.6	7.3	7.1	7.5	6.3

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.8	6.7	6.7	6.6	6.9	6.7	6.7	6.6	6.8	6.7	6.9	6.8
2	6.9	6.8	6.7	6.7	7.0	6.7	6.7	6.7	6.8	6.7	6.9	6.8
3	6.9	6.8	6.7	6.7	7.0	6.8	6.7	6.7	6.9	6.7	6.9	6.8
4	6.9	6.8	6.8	6.6	6.9	6.8	6.8	6.7	6.9	6.7	6.9	6.7
5	6.9	6.8	6.9	6.7	6.8	6.7	6.8	6.7	6.9	6.7	6.9	6.7
6	7.0	6.8	6.9	6.7	6.8	6.7	6.8	6.7	6.9	6.7	7.0	6.7
7	7.0	6.9	6.9	6.6	6.8	6.6	6.8	6.7	6.9	6.8	7.1	6.9
8	7.0	6.9	6.8	6.6	6.8	6.7	6.8	6.7	6.9	6.8	7.0	6.9
9	7.0	6.9	6.8	6.6	6.8	6.7	6.9	6.7	6.9	6.8	6.9	6.9
10	7.0	6.9	6.8	6.7	6.8	6.7	6.9	6.7	6.9	6.8	6.8	6.6
11	7.0	6.9	6.8	6.7	6.8	6.7	6.8	6.7	6.8	6.7	6.7	6.6
12	7.0	6.9	6.8	6.7	6.7	6.6	6.8	6.6	6.9	6.8	6.9	6.7
13	7.0	6.9	6.7	6.6	6.7	6.6	6.8	6.7	6.9	6.8	6.9	6.9
14	6.9	6.9	6.7	6.6	6.6	6.6	6.9	6.8	6.9	6.7	7.0	6.9
15	6.9	6.9	6.7	6.6	6.6	6.5	6.8	6.7	6.7	6.7	7.2	7.0
16	7.0	6.8	6.8	6.6	6.6	6.6	6.8	6.7	6.8	6.7	7.6	7.1
17	7.0	6.9	6.8	6.6	6.7	6.6	6.9	6.8	6.8	6.7	7.8	7.1
18	7.1	6.9	6.9	6.6	6.6	6.6	6.9	6.7	6.8	6.7	7.8	7.2
19	7.0	7.0	6.9	6.7	6.7	6.4	6.8	6.8	6.8	6.7	7.8	7.1
20	7.1	6.9	6.9	6.6	6.7	6.5	6.8	6.8	6.9	6.7	7.7	7.1
21	7.2	7.1	6.9	6.7	6.7	6.6	6.9	6.8	7.1	6.7	7.5	7.0
22	7.1	7.0	6.8	6.7	7.2	6.6	6.8	6.7	6.9	6.7	7.5	7.0
23	7.1	6.9	6.8	6.6	7.0	6.6	6.8	6.8	6.8	6.7	7.4	6.9
24	7.0	6.9	6.7	6.6	6.9	6.6	6.8	6.7	6.9	6.7	7.3	7.0
25	7.0	6.4	6.7	6.7	6.7	6.6	6.8	6.7	6.9	6.7	7.3	6.9
26	6.7	6.7	6.8	6.6	6.9	6.6	6.8	6.7	6.9	6.8	7.2	7.0
27	6.8	6.7	6.8	6.6	6.9	6.7	6.8	6.8	7.0	6.8	7.2	7.0
28	6.7	6.7	6.6	6.6	6.9	6.7	6.9	6.8	7.0	6.8	7.3	7.0
29	6.8	6.7	6.6	6.6	6.8	6.7	6.9	6.8	6.9	6.7	7.2	6.9
30	6.7	6.7	6.6	6.6	6.7	6.6	6.9	6.7	6.8	6.6	7.1	6.9
31	—	—	6.8	6.6	—	—	6.9	6.6	6.9	6.7	—	—
MONTH	7.2	6.4	6.9	6.6	7.2	6.4	6.9	6.5	7.1	6.6	7.8	6.6
YEAR	8.3	6.3										

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC—Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	22.9	23.2	28.5	20.1	22.6	15.2	15.1	15.2	9.7	7.2	8.1
2	23.5	23.0	23.2	22.8	19.8	20.5	15.3	15.0	15.1	9.3	5.9	7.3
3	23.6	23.2	23.4	26.0	20.0	21.5	16.2	15.3	15.7	8.2	7.1	7.5
4	23.9	22.6	23.7	28.2	20.1	22.1	17.3	16.1	16.6	7.9	7.3	7.6
5	24.6	23.7	24.1	23.7	19.9	21.0	17.8	16.4	16.8	7.7	7.6	7.7
6	25.7	24.1	24.4	26.0	19.6	21.1	17.7	16.4	16.8	7.8	7.2	7.6
7	25.2	24.1	24.6	26.2	19.2	20.7	17.1	15.1	15.9	7.8	7.4	7.7
8	25.5	23.9	24.3	28.7	19.0	20.9	15.2	14.6	14.8	8.0	7.3	7.6
9	25.5	23.7	24.3	20.9	18.8	19.3	14.9	14.5	14.7	8.1	7.5	7.8
10	25.1	23.4	23.9	21.7	18.8	19.8	15.1	14.7	14.9	8.6	7.8	8.2
11	24.5	23.3	23.7	20.2	19.1	19.5	15.3	14.9	15.2	9.3	8.2	8.6
12	24.0	23.2	23.5	19.4	18.4	18.8	15.6	15.2	15.4	8.2	7.6	7.9
13	24.7	23.4	24.3	18.4	18.0	18.3	15.6	15.2	15.4	7.7	7.5	7.6
14	24.2	23.7	24.0	18.1	17.5	17.8	15.8	15.2	15.4	7.5	7.3	7.4
15	23.9	23.3	23.7	18.5	17.0	17.4	15.4	15.0	15.2	8.4	7.3	7.6
16	23.9	23.1	23.4	17.2	16.7	17.0	15.2	14.5	14.8	9.7	7.4	7.9
17	24.2	22.9	23.3	16.6	15.9	16.4	15.4	14.4	14.7	10.7	7.5	8.3
18	25.8	22.6	23.4	15.9	15.5	15.8	15.5	14.3	14.7	8.3	8.0	8.1
19	24.7	22.7	23.1	15.9	15.4	15.8	—	—	—	8.4	8.1	8.3
20	24.5	22.7	23.2	16.4	15.8	16.1	13.6	13.2	13.4	8.6	8.2	8.5
21	24.0	22.3	22.8	16.5	15.9	16.3	13.5	12.4	12.9	8.5	7.6	8.1
22	24.4	21.8	22.5	16.6	15.9	16.3	12.9	12.6	12.8	8.4	7.8	8.3
23	28.9	21.6	23.0	16.7	16.0	16.4	12.8	12.4	12.8	8.3	7.6	8.0
24	27.7	21.7	22.9	16.9	16.4	16.7	12.6	12.0	12.3	8.3	7.5	8.1
25	24.7	21.9	22.6	17.2	15.9	16.5	12.1	9.8	10.3	10.7	8.1	8.7
26	23.2	21.8	22.4	16.0	15.5	15.9	12.1	9.0	9.9	11.6	7.6	9.0
27	24.7	21.3	22.3	16.0	15.5	15.8	12.4	8.5	9.5	7.9	7.6	7.8
28	23.3	20.9	21.9	16.4	15.6	16.0	11.4	8.7	9.4	8.6	7.6	8.1
29	28.2	20.8	22.1	16.3	15.9	16.1	10.3	6.9	8.2	10.0	8.1	9.3
30	24.0	20.6	21.2	15.8	15.2	15.5	9.5	8.6	9.1	10.2	8.3	9.3
31	25.9	20.2	21.6	—	—	—	8.6	6.3	8.0	10.1	8.8	9.7
MONTH	28.9	20.2	23.0	28.7	15.2	18.0	17.8	6.3	13.5	11.6	5.9	8.0

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.5	8.1	8.7	10.6	10.3	10.4	16.8	16.1	16.5	20.1	19.7	19.9
2	9.0	8.2	8.4	10.8	10.3	10.6	17.1	16.4	16.8	20.6	19.9	20.4
3	9.5	8.4	8.8	11.6	10.6	10.9	16.9	16.5	16.8	20.7	20.3	20.5
4	10.2	8.6	9.2	11.9	10.9	11.3	16.9	16.5	16.8	20.7	20.2	20.4
5	9.8	8.7	9.0	12.3	11.1	11.6	17.0	16.6	16.8	21.6	20.3	21.1
6	10.3	8.9	9.5	12.2	11.3	11.9	16.9	16.4	16.7	21.9	21.2	21.6
7	10.8	8.0	8.9	12.7	11.7	12.2	17.1	16.5	16.8	22.6	21.5	22.0
8	8.2	7.9	8.1	12.4	11.6	12.0	17.7	16.6	17.1	22.8	22.4	22.6
9	8.4	7.9	8.1	12.6	12.1	12.3	17.4	16.9	17.3	22.7	22.1	22.4
10	9.0	8.1	8.5	12.3	11.9	12.1	16.9	15.9	16.5	22.4	22.1	22.3
11	9.7	8.4	9.0	12.4	12.0	12.2	16.4	15.8	16.1	22.6	22.2	22.5
12	10.9	8.8	9.7	12.7	12.1	12.3	16.9	16.2	16.7	22.8	22.4	22.6
13	10.8	9.3	9.8	13.0	12.4	12.8	17.4	16.8	17.1	23.1	22.7	23.0
14	10.0	9.6	9.9	13.4	12.9	13.1	18.0	17.3	17.7	23.6	23.1	23.5
15	10.1	10.0	10.1	13.8	13.3	13.6	18.3	17.9	18.1	23.7	23.4	23.6
16	10.8	9.9	10.5	14.2	13.7	14.0	17.9	17.4	17.7	23.5	23.0	23.3
17	11.4	10.8	11.1	14.8	14.1	14.5	17.6	17.2	17.5	23.1	22.6	23.0
18	11.8	11.2	11.6	15.1	14.6	14.9	17.6	17.0	17.4	23.2	22.7	23.0
19	12.0	11.5	11.8	15.2	14.3	14.8	18.0	17.3	17.7	23.4	22.8	23.1
20	12.1	11.7	12.0	15.2	14.4	14.9	18.1	17.6	17.9	23.5	23.0	23.3
21	12.2	11.5	11.9	15.2	14.3	14.8	18.7	17.8	18.2	23.9	23.2	23.6
22	12.1	11.5	12.0	15.1	14.2	14.7	18.9	18.3	18.6	24.0	23.5	23.7
23	12.2	11.1	11.8	15.5	14.9	15.2	18.5	18.2	18.5	23.9	23.3	23.6
24	12.2	11.3	11.7	16.0	15.2	15.6	18.3	18.0	18.2	23.4	23.1	23.3
25	12.3	11.9	12.1	16.3	15.8	16.1	18.7	18.1	18.4	24.0	23.2	23.6
26	12.1	11.8	12.0	16.3	15.9	16.1	19.4	18.6	19.1	24.5	24.0	24.3
27	12.1	11.9	12.1	16.4	16.1	16.3	19.7	19.3	19.5	24.7	24.2	24.5
28	12.0	11.2	11.8	17.0	16.1	16.6	19.7	19.1	19.5	24.6	24.3	24.4
29	11.1	10.4	10.8	17.2	16.4	16.8	20.3	19.9	20.1	24.3	24.1	24.3
30	—	—	—	16.3	15.8	16.1	20.0	19.6	19.8	24.4	23.8	24.1
31	—	—	—	16.2	15.9	16.1	—	—	—	23.6	22.9	23.2
MONTH	12.3	7.9	10.5	17.2	10.3	14.0	20.3	15.8	17.5	24.7	19.7	23.0

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC—Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.4	22.8	23.1	28.8	28.1	28.5	29.0	28.2	28.6	29.4	28.9	29.2
2	23.9	23.0	23.5	29.1	28.3	28.7	28.9	28.1	28.5	29.5	29.0	29.3
3	24.8	23.5	24.2	29.4	28.4	28.9	29.2	28.1	28.5	29.4	28.9	29.2
4	25.1	24.2	24.7	29.8	28.8	29.3	29.5	28.7	29.1	29.2	28.7	29.0
5	25.1	24.7	24.9	30.1	29.1	29.5	29.7	28.9	29.3	28.6	28.1	28.5
6	25.8	24.5	25.2	29.8	29.1	29.4	29.7	28.7	29.1	28.0	27.7	27.9
7	25.6	25.1	25.6	29.7	28.8	29.2	29.5	29.3	29.5	27.9	27.2	27.5
8	26.1	25.3	25.6	29.3	28.9	29.2	30.0	29.6	29.8	27.5	26.7	26.9
9	25.8	25.4	25.6	29.4	28.8	29.2	30.6	30.0	30.2	26.7	26.3	26.5
10	26.0	25.5	25.8	29.4	28.7	29.1	30.7	30.1	30.4	26.8	26.2	26.5
11	26.3	25.8	26.1	29.6	28.7	29.2	30.3	29.8	30.1	26.5	26.0	26.3
12	26.7	26.2	26.5	29.5	28.5	29.0	30.4	29.8	30.2	26.7	25.7	26.3
13	26.7	26.3	26.5	29.5	28.8	29.2	30.6	29.9	30.3	26.8	26.2	26.5
14	27.1	26.5	26.8	29.6	28.9	29.2	30.7	30.0	30.4	27.1	26.1	26.7
15	27.6	26.9	27.1	29.4	28.7	29.0	31.5	30.2	30.7	27.8	26.6	27.2
16	28.2	27.1	27.7	29.2	28.3	28.8	31.5	30.7	31.0	27.3	26.4	26.8
17	28.1	27.5	27.9	29.7	28.5	29.1	31.4	30.7	31.1	26.3	25.7	26.0
18	28.5	27.5	28.0	29.1	28.4	28.8	31.1	30.5	30.9	25.8	25.1	25.6
19	29.1	27.5	28.3	29.1	28.3	28.6	30.8	30.1	30.6	25.6	24.7	25.2
20	29.6	28.6	29.2	28.9	28.2	28.5	30.2	29.6	30.0	25.4	24.4	24.9
21	29.9	29.1	29.5	28.7	28.2	28.4	29.7	29.2	29.5	25.4	24.3	24.9
22	30.0	29.2	29.5	28.3	27.9	28.1	29.2	28.6	28.9	25.6	24.6	25.1
23	29.7	28.9	29.3	28.3	27.9	28.1	28.8	28.4	28.7	25.9	25.0	25.5
24	29.4	28.6	29.0	28.6	28.1	28.4	29.1	28.7	29.0	26.1	25.3	25.7
25	29.7	28.6	29.2	28.9	28.2	28.6	29.1	28.6	28.9	25.8	25.1	25.6
26	30.0	29.1	29.7	29.2	28.5	28.9	29.0	28.6	28.9	26.3	25.2	25.7
27	30.0	29.4	29.7	29.1	28.4	28.9	29.0	28.5	28.8	26.1	25.4	25.7
28	29.7	28.8	29.2	29.3	28.7	29.0	28.9	28.4	28.7	25.5	24.2	24.9
29	29.1	28.5	28.8	29.0	28.4	28.8	28.9	28.4	28.7	24.5	22.5	23.4
30	28.9	28.2	28.5	28.8	28.0	28.4	29.2	28.6	28.9	23.1	22.2	22.6
31	—	—	—	28.7	26.8	28.3	29.2	28.7	29.0	—	—	—
MONTH	30.0	22.8	27.0	30.1	26.8	29.0	31.5	28.1	29.5	29.5	22.2	26.5
YEAR	31.5	5.9	20.0									

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	7.1	7.8									
2	7.8	7.2	7.7									
3	10.8	7.1	7.9									
4	10.4	6.9	7.6									
5	—	—	—									
6	—	—	—									
7	—	—	—									
8	—	—	—									
9	—	—	—									
10	—	—	—									
11	—	—	—									
12	—	—	—									
13	—	—	—									
14	—	—	—									
15	—	—	—									
16	—	—	—									
17	—	—	—									
18	—	—	—									
19	—	—	—									
20	—	—	—									
21	—	—	—									
22	—	—	—									
23	—	—	—									
24	—	—	—									
25	—	—	—									
26	—	—	—									
27	—	—	—									
28	—	—	—									
29	—	—	—									
30	—	—	—									
31	—	—	—									
MONTH	10.8	6.9	7.8									

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	—	—	—	11.1	10.8	10.9	8.5	8.3	8.5	8.3	7.9	8.2
2	—	—	—	11.9	11.0	11.3	8.4	8.2	8.3	8.5	8.1	8.4
3	—	—	—	12.5	11.1	11.9	8.3	8.1	8.2	8.3	8.1	8.2
4	—	—	—	12.8	11.9	12.5	8.4	8.1	8.3	8.6	7.9	8.2
5	—	—	—	12.6	12.0	12.3	9.0	8.4	8.6	8.9	8.0	8.5
6	—	—	—	12.0	11.0	11.6	9.3	8.8	9.0	8.8	8.0	8.5
7	—	—	—	11.1	9.5	10.0	9.5	8.9	9.2	8.7	7.9	8.3
8	—	—	—	9.9	9.5	9.7	9.6	9.2	9.4	8.6	7.7	8.1
9	—	—	—	10.1	9.6	9.8	9.7	9.3	9.6	8.3	7.6	8.0
10	—	—	—	10.2	9.8	10.0	10.1	9.5	9.9	8.2	7.8	8.0
11	—	—	—	10.3	9.9	10.1	10.3	8.3	9.3	8.2	7.8	8.0
12	—	—	—	10.4	10.1	10.3	8.7	8.3	8.6	8.1	7.6	7.9
13	—	—	—	10.4	10.1	10.3	8.6	8.3	8.5	7.8	7.3	7.6
14	—	—	—	10.4	9.6	9.9	8.3	8.1	8.2	7.6	7.1	7.4
15	—	—	—	9.9	9.6	9.8	8.1	8.0	8.1	7.7	7.2	7.4
16	—	—	—	9.7	9.5	9.7	8.4	7.9	8.1	7.9	7.0	7.6
17	—	—	—	9.6	9.4	9.5	8.8	8.1	8.4	7.9	7.3	7.6
18	—	—	—	9.4	9.2	9.4	8.8	8.2	8.5	7.8	7.1	7.5
19	—	—	—	9.4	8.9	9.2	8.6	8.2	8.5	7.9	7.1	7.5
20	—	—	—	9.1	8.8	9.0	8.2	6.6	7.4	8.0	6.9	7.5
21	—	—	—	9.1	8.6	8.9	7.4	6.8	7.1	7.9	5.9	7.1
22	—	—	—	9.0	8.7	8.9	8.0	7.2	7.5	7.9	7.3	7.6
23	—	—	—	8.9	8.5	8.7	8.3	8.0	8.1	7.8	6.9	7.4
24	—	—	—	8.6	8.3	8.5	8.3	7.8	8.1	7.3	6.9	7.1
25	—	—	—	8.5	8.3	8.4	8.5	8.2	8.3	7.5	7.1	7.3
26	—	—	—	8.4	8.0	8.3	8.6	8.3	8.5	7.7	7.2	7.4
27	—	—	—	8.3	6.9	8.0	8.6	8.3	8.5	7.5	6.9	7.2
28	—	—	—	8.3	8.2	8.3	8.5	8.2	8.4	7.0	6.6	6.8
29	10.7	10.3	10.6	8.2	8.1	8.2	8.6	8.3	8.5	6.6	6.3	6.5
30	—	—	—	8.3	8.2	8.3	8.4	8.1	8.3	6.7	6.4	6.6
31	—	—	—	8.5	8.3	8.5	—	—	—	7.9	6.6	7.2
MONTH	10.7	10.3	10.6	12.8	6.9	9.7	10.3	6.6	8.5	8.9	5.9	7.6

02172051 COOPER RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC—Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.1	7.3	7.7	5.7	5.2	5.5	6.7	5.9	6.3	6.1	5.8	6.0
2	8.4	7.5	7.9	5.9	5.6	5.8	6.6	5.9	6.3	6.1	5.8	6.0
3	8.2	7.7	7.9	6.2	5.7	6.0	7.0	5.9	6.3	5.9	5.6	5.8
4	8.0	7.4	7.8	6.4	5.9	6.2	7.0	6.1	6.6	5.7	5.5	5.6
5	7.7	7.1	7.5	6.4	6.1	6.2	6.9	6.1	6.5	5.8	5.5	5.7
6	7.4	6.7	7.1	6.2	5.9	6.2	6.9	5.8	6.4	6.1	5.5	5.8
7	7.2	6.6	6.9	6.1	5.9	6.0	6.7	5.9	6.2	6.3	5.8	6.1
8	7.2	6.6	6.9	6.1	5.8	6.1	6.4	6.0	6.2	6.6	6.1	6.4
9	7.0	6.6	6.9	6.2	5.9	6.2	6.6	5.9	6.2	6.5	6.0	6.4
10	6.9	6.6	6.8	6.5	6.1	6.4	6.3	5.6	6.0	6.6	6.2	6.4
11	6.6	6.3	6.5	6.6	6.3	6.5	6.0	5.3	5.7	6.5	6.2	6.5
12	6.4	5.9	6.2	6.5	6.0	6.3	6.1	5.5	5.9	6.7	6.3	6.6
13	6.1	5.6	5.9	6.2	6.0	6.2	6.3	5.4	5.8	6.7	6.5	6.7
14	6.1	5.6	5.8	6.2	6.0	6.2	6.0	5.1	5.5	6.8	6.6	6.7
15	6.0	5.4	5.8	6.3	6.0	6.2	5.5	5.2	5.4	6.9	6.6	6.8
16	6.1	5.6	5.9	6.3	6.0	6.2	5.7	5.2	5.6	6.8	6.1	6.7
17	6.3	5.6	6.0	6.5	5.9	6.3	5.7	5.5	5.7	6.7	5.9	6.6
18	6.3	5.6	5.9	6.2	5.9	6.1	5.7	5.3	5.6	6.7	5.9	6.5
19	6.3	5.5	5.9	6.3	5.9	6.2	5.7	5.1	5.5	6.6	6.0	6.5
20	5.7	5.4	5.6	6.3	6.0	6.2	5.2	4.8	5.1	6.8	6.3	6.6
21	5.6	5.4	5.6	6.5	6.0	6.2	5.1	4.8	5.0	6.7	6.3	6.6
22	5.4	5.0	5.3	6.2	5.8	6.1	5.2	4.9	5.1	6.7	6.2	6.6
23	5.3	5.0	5.3	6.4	6.0	6.2	5.4	5.0	5.2	6.8	6.2	6.6
24	5.2	5.0	5.1	6.4	5.9	6.3	5.6	5.4	5.6	6.8	6.2	6.7
25	5.3	4.9	5.2	6.2	5.9	6.1	5.8	5.3	5.5	6.6	6.3	6.5
26	5.7	5.3	5.5	6.3	6.1	6.2	6.2	5.5	5.8	6.8	6.2	6.6
27	5.7	5.5	5.7	6.4	6.1	6.3	6.3	5.7	6.0	6.9	6.5	6.8
28	5.7	4.3	5.0	6.4	6.0	6.3	6.4	5.8	6.1	6.8	6.4	6.7
29	4.9	4.3	4.6	6.6	6.1	6.4	6.4	6.0	6.2	7.2	6.7	6.9
30	5.4	4.8	5.2	6.5	5.9	6.3	6.3	5.9	6.1	7.3	6.8	7.2
31	—	—	—	6.7	4.4	6.2	6.1	5.7	6.1	—	—	—
MONTH	8.4	4.3	6.2	6.7	4.4	6.2	7.0	4.8	5.9	7.3	5.5	6.5
YEAR	12.8	4.3	7.2									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'30", long 79°55'23", Berkeley County, Hydrologic unit 03050201, on right bank of Cooper River 9.9 mi from junction of East and West Branch Cooper River and at mile 19.4.

PERIOD OF RECORD.--June 1983 to September 1984.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1983 to current year.
pH: June 1983 to current year.
WATER TEMPERATURE: June 1983 to current year.
DISSOLVED OXYGEN: June 1983 to current year.

INSTRUMENTATION.--USGS water-quality monitor since June 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 33,300 microsiemens Sept. 18, 1984; minimum, 70 microsiemens July 30, 1983
pH: Maximum, 7.9 units July 1, 31, 1983 Oct. 18, 19, 30, Sept. 17, 18, 19, 1984; minimum, 6.4 units many days Oct.-Dec. 1983 and Jan., 1984.
WATER TEMPERATURE: Maximum, 30.5°C July 25, 1983; minimum, 5.5°C several days in Jan. 1984.
DISSOLVED OXYGEN: Maximum, 13.6 mg/L Jan. 5, 1984; minimum 3.0 mg/L many days in Sept. 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 33,300 microsiemens Sept. 18; minimum, 100 microsiemens many days in Oct.-Sept.
pH: Maximum, 7.9 units Oct. 18, 19, 30, Sept. 17, 18, 19; minimum, 6.4 units many days Oct.-Jan.
WATER TEMPERATURE: Maximum, 30.5°C Aug. 16-18; minimum, 5.5°C several days in Jan.
DISSOLVED OXYGEN: Maximum, 13.6 mg/L Jan. 5; minimum 3.5 mg/L Aug. 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10500	250	2520	11500	100	3990	100	100	100	---	---	---
2	3650	150	1330	10100	100	2790	100	100	100	---	---	---
3	3900	100	1200	10800	100	2810	100	100	100	---	---	---
4	3950	100	1250	8550	100	2700	100	100	100	100	100	100
5	3300	100	996	---	---	---	100	100	100	100	100	100
6	3800	100	1140	---	---	---	100	100	100	100	100	100
7	3800	100	1220	---	---	---	100	100	100	100	100	100
8	3900	100	1420	---	---	---	100	100	100	100	100	100
9	3750	250	1440	---	---	---	100	100	100	100	100	100
10	3550	100	1020	---	---	---	100	100	100	150	100	103
11	3950	100	1370	---	---	---	100	100	100	100	100	100
12	2950	100	746	---	---	---	100	100	100	150	100	103
13	12500	100	2690	---	---	---	100	100	100	6500	100	603
14	13400	100	2690	---	---	---	100	100	100	700	100	130
15	22400	100	6520	7000	100	2360	100	100	100	2900	100	298
16	23300	100	10200	1750	100	507	150	100	134	250	100	107
17	23300	100	9870	2800	100	659	150	100	148	100	100	100
18	21400	100	9870	5050	100	971	200	150	153	100	100	100
19	18000	250	8680	6950	100	1740	200	150	192	100	100	100
20	18000	500	9600	10500	100	2610	250	200	211	150	100	103
21	13600	100	2950	5550	100	996	250	150	201	150	100	103
22	13700	100	3770	5500	100	630	250	200	205	150	100	107
23	15300	100	4280	3950	100	676	250	200	203	150	100	103
24	6650	100	1980	2350	100	411	300	200	248	100	100	100
25	7650	100	1750	950	100	161	400	300	346	100	100	100
26	17100	100	4860	1700	100	236	350	300	328	100	100	100
27	17500	100	5430	3450	100	459	350	300	323	100	100	100
28	12900	100	5060	1050	100	298	350	150	234	100	100	100
29	13200	100	3000	100	100	100	300	150	255	150	100	103
30	17500	100	5110	100	100	100	350	250	307	100	100	100
31	13500	100	5010	---	---	---	450	350	383	100	100	100
MONTH	23300	100	3810	11500	100	1250	450	100	173	6500	100	127

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	100	100	100	—	—	—	100	100	100	100	100	100
2	150	100	103	—	—	—	100	100	100	100	100	100
3	150	100	105	—	—	—	100	100	100	150	100	121
4	100	100	100	—	—	—	100	100	100	150	100	132
5	100	100	100	—	—	—	100	100	100	150	100	144
6	150	100	105	—	—	—	100	100	100	150	100	121
7	150	100	115	150	100	146	100	100	100	150	100	115
8	150	100	111	150	150	151	100	100	100	100	100	100
9	150	100	111	150	150	151	100	100	100	150	100	105
10	150	100	111	150	100	144	100	100	100	150	100	126
11	150	100	105	150	100	144	100	100	100	150	100	109
12	150	100	103	150	100	148	100	100	100	150	100	109
13	700	100	161	150	100	136	100	100	100	100	100	100
14	—	—	—	150	100	121	100	100	100	100	100	100
15	—	—	—	100	100	100	100	100	100	150	100	105
16	—	—	—	100	100	100	100	100	100	150	100	121
17	150	100	113	100	100	100	100	100	100	100	100	100
18	150	100	103	100	100	100	100	100	100	100	100	100
19	150	100	121	100	100	100	100	100	100	100	100	100
20	150	100	109	100	100	100	100	100	100	100	100	100
21	150	100	123	100	100	100	100	100	100	100	100	100
22	150	100	128	100	100	100	100	100	100	100	100	100
23	150	100	119	100	100	100	100	100	100	100	100	100
24	150	100	122	100	100	100	100	100	100	100	100	100
25	150	100	123	100	100	100	100	100	100	100	100	100
26	—	—	—	100	100	100	100	100	100	100	100	100
27	—	—	—	100	100	100	100	100	100	100	100	100
28	—	—	—	100	100	100	100	100	100	100	100	100
29	—	—	—	100	100	100	100	100	100	100	100	100
30	—	—	—	100	100	100	100	100	100	100	100	100
31	—	—	—	100	100	100	—	—	—	100	100	100
MONTH	700	100	113	150	100	114	100	100	100	150	100	107

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	350	100	130	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	200	100	105
4	100	100	100	100	100	100	100	100	100	350	100	117
5	100	100	100	100	100	100	100	100	100	2600	100	273
6	100	100	100	100	100	100	100	100	100	11600	100	1640
7	100	100	100	100	100	100	100	100	100	11200	100	1540
8	100	100	100	1650	100	215	100	100	100	9100	100	963
9	100	100	100	3900	100	436	100	100	100	2300	100	388
10	100	100	100	1150	100	167	100	100	100	500	100	121
11	100	100	100	150	100	105	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	1800	100	242
16	100	100	100	100	100	100	100	100	100	20600	100	5280
17	100	100	100	100	100	100	400	100	113	26100	100	11400
18	100	100	100	100	100	100	3150	100	294	33300	100	14000
19	100	100	100	100	100	100	5650	100	428	29400	100	13500
20	150	100	103	100	100	100	2850	100	228	22400	100	9670
21	20400	100	4270	100	100	100	21800	100	3910	17700	100	5570
22	30900	100	12000	100	100	100	21500	100	4660	13100	100	4100
23	24900	100	9720	100	100	100	11600	100	1200	11100	100	3450
24	21400	100	6330	100	100	100	3300	100	313	9550	100	2360
25	20800	100	4160	100	100	100	4850	100	498	6300	100	1360
26	13400	100	2140	100	100	100	1700	100	242	5350	100	1180
27	7700	100	971	100	100	100	1150	100	203	4700	100	901
28	3200	100	394	100	100	100	250	100	107	9200	100	2030
29	1100	100	178	100	100	100	100	100	100	4700	100	942
30	600	100	142	100	100	100	100	100	100	7500	100	1050
31	—	—	—	100	100	100	100	100	100	—	—	—
MONTH	30900	100	1410	3900	100	118	21800	100	455	33300	100	2780
YEAR	33300	100	903									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC—Continued

pH (UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MA
1	7.0	6.4	7.8	6.4	7.3	6.4	—	—	7.0	6.8	—
2	7.0	6.7	7.7	6.4	7.3	6.4	—	—	7.0	7.0	—
3	7.0	6.6	7.7	6.4	7.3	6.5	—	—	7.0	7.0	—
4	7.0	6.6	7.6	6.4	6.5	6.4	6.5	6.4	7.0	6.9	—
5	6.9	6.6	—	—	6.5	6.4	6.5	6.5	7.0	6.9	—
6	6.8	6.6	—	—	6.5	6.4	6.5	6.4	7.1	6.9	—
7	6.9	6.6	—	—	7.1	6.4	6.4	6.4	7.1	7.0	6.9
8	6.9	6.7	—	—	7.3	6.4	7.1	6.4	7.1	7.0	6.8
9	6.9	6.6	—	—	7.3	6.5	7.1	6.4	7.2	7.0	6.8
10	6.9	6.6	—	—	7.3	6.4	6.4	6.4	7.1	7.0	6.8
11	7.0	6.6	—	—	7.3	6.4	7.0	6.4	7.1	7.0	6.8
12	7.0	6.6	—	—	7.1	6.4	7.0	7.0	7.2	6.9	6.9
13	6.9	6.4	—	—	7.1	6.4	7.7	7.0	7.3	6.9	7.0
14	6.9	6.4	—	—	7.3	6.4	7.4	6.9	—	—	6.8
15	7.0	6.4	7.7	6.4	7.0	6.4	7.5	6.9	—	—	6.8
16	7.1	6.4	7.5	6.4	6.4	6.4	7.3	6.9	—	—	6.8
17	7.1	6.5	7.5	6.4	6.5	6.4	7.2	7.0	6.9	6.8	6.8
18	7.9	6.5	7.6	6.4	7.3	6.4	7.2	6.8	6.9	6.8	6.7
19	7.9	7.4	7.7	6.4	7.3	6.4	7.3	6.9	6.9	6.8	6.7
20	7.7	7.3	7.7	6.4	6.5	6.4	6.9	6.9	6.8	6.8	6.7
21	7.6	6.4	7.6	6.4	7.3	6.4	7.0	6.9	6.8	6.7	6.7
22	7.7	6.4	7.6	6.4	7.3	6.4	7.0	7.0	6.8	6.8	6.7
23	7.7	6.4	7.5	6.4	6.5	6.4	7.0	7.0	7.1	6.8	6.7
24	7.6	6.4	7.5	6.4	6.5	6.4	7.0	6.9	6.8	6.7	6.7
25	7.6	6.4	7.3	6.4	6.5	6.4	7.0	6.9	7.4	6.7	6.7
26	7.7	6.4	7.3	6.4	7.3	6.5	6.9	6.9	—	—	6.7
27	7.8	6.5	7.5	6.4	7.3	6.4	6.9	6.9	—	—	6.7
28	7.7	6.8	7.3	6.4	7.3	6.4	6.9	6.9	—	—	6.7
29	7.8	6.4	7.1	6.4	6.5	6.4	7.0	6.9	—	—	6.6
30	7.9	6.5	7.0	6.4	6.4	6.4	7.0	6.9	—	—	6.7
31	7.8	6.5	—	—	—	—	7.0	6.9	—	—	6.7
MONTH	7.9	6.4	7.8	6.4	7.3	6.4	7.7	6.4	7.4	6.7	7.0

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
	APRIL		MAY		JUNE		JULY		AUGUST		SEPT
1	6.7	6.7	6.7	6.7	6.8	6.7	6.8	6.5	6.8	6.7	6.9
2	6.7	6.6	6.8	6.7	6.9	6.8	6.7	6.6	6.8	6.7	7.0
3	6.7	6.6	6.8	6.6	6.9	6.8	6.7	6.7	6.8	6.7	7.1
4	6.6	6.6	6.7	6.6	7.0	6.8	6.8	6.7	6.9	6.7	7.1
5	6.7	6.6	6.9	6.7	6.9	6.7	6.8	6.7	6.9	6.7	7.2
6	6.7	6.6	7.0	6.8	6.8	6.6	6.8	6.8	6.9	6.7	7.5
7	6.7	6.7	6.8	6.7	6.7	6.6	6.9	6.7	6.9	6.8	7.5
8	6.9	6.7	6.9	6.7	6.7	6.6	7.1	6.7	6.9	6.8	7.5
9	6.7	6.7	6.8	6.7	6.7	6.6	7.2	6.7	7.0	6.8	7.3
10	6.8	6.7	6.9	6.7	6.7	6.6	7.1	6.7	6.9	6.8	7.1
11	6.8	6.7	6.9	6.7	6.7	6.6	7.0	6.7	6.9	6.7	7.0
12	6.8	6.7	6.9	6.7	6.7	6.6	6.9	6.7	6.8	6.7	6.9
13	6.7	6.6	6.8	6.7	6.6	6.5	6.9	6.8	6.9	6.7	7.0
14	6.7	6.6	6.7	6.7	6.6	6.5	6.8	6.8	6.9	6.7	7.0
15	6.6	6.6	6.7	6.[illegible]	6.6	6.5	6.9	6.8	6.8	6.6	7.3
16	6.7	6.6	6.8	6.7	6.6	6.5	6.9	6.8	6.8	6.7	7.3
17	6.7	6.6	6.8	6.7	6.7	6.5	6.9	6.8	7.0	6.7	7.9
18	6.7	6.7	6.9	6.7	6.7	6.5	6.9	6.7	7.2	6.7	7.9
19	6.8	6.7	7.0	6.7	6.6	6.5	6.9	6.8	7.2	6.7	7.9
20	6.8	6.7	6.9	6.7	6.8	6.6	6.9	6.8	7.1	6.7	7.8
21	6.8	6.7	7.0	6.7	7.4	6.6	6.9	6.8	7.7	6.7	7.7
22	6.9	6.8	6.9	6.7	7.6	6.7	6.9	6.7	7.7	6.7	7.7
23	6.8	6.7	6.9	6.7	7.5	6.7	6.9	6.7	7.4	6.7	7.5
24	6.7	6.6	6.8	6.7	7.4	6.6	6.9	6.8	7.2	6.7	7.4
25	6.7	6.6	6.8	6.6	7.4	6.6	6.8	6.7	7.3	6.7	7.4
26	6.8	6.7	6.8	6.7	7.3	6.6	6.9	6.8	7.1	6.7	7.3
27	6.8	6.7	6.8	6.7	7.2	6.7	6.9	6.5	7.1	6.8	7.4
28	6.8	6.7	6.7	6.6	7.1	6.6	6.9	6.8	7.0	6.8	7.5
29	6.8	6.7	6.6	6.6	7.0	6.6	6.9	6.8	6.9	6.8	7.4
30	6.8	6.7	6.7	6.6	6.9	6.5	6.8	6.7	6.9	6.8	7.5
31	—	—	6.8	6.6	—	—	6.8	6.7	6.9	6.8	—
MONTH	6.9	6.6	7.0	6.6	7.6	6.5	7.2	6.5	7.7	6.6	7.9
YEAR	7.9	6.4									

02172053 COOPER RIVER AT HOBAY NEAR NORTH CHARLESTON, SC—Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.5	23.0	23.0	22.0	20.5	21.5	16.0	16.0	16.0	—	—	—
2	23.5	23.0	23.0	21.5	20.5	21.0	16.0	16.0	16.0	—	—	—
3	23.5	23.0	23.0	21.5	20.5	21.0	16.5	15.5	16.5	—	—	—
4	23.5	23.0	23.5	21.5	20.5	21.0	16.5	16.0	16.0	6.5	6.0	6.5
5	24.0	23.5	24.0	—	—	—	16.5	16.5	16.5	7.0	5.5	6.5
6	24.5	24.0	24.0	—	—	—	16.5	16.5	16.5	7.5	7.0	7.0
7	24.5	24.0	24.0	—	—	—	16.5	15.5	16.0	7.5	7.0	7.0
8	24.5	23.5	24.0	—	—	—	16.5	14.5	15.5	7.0	7.0	7.0
9	24.0	23.5	24.0	—	—	—	15.5	14.5	15.0	7.0	7.0	7.0
10	24.0	23.5	23.5	—	—	—	15.0	14.5	15.0	7.5	7.0	7.5
11	24.0	23.0	23.5	—	—	—	15.5	15.0	15.0	8.0	7.5	7.5
12	23.5	23.0	23.5	—	—	—	15.5	15.5	15.5	7.5	7.0	7.0
13	24.5	24.0	24.0	—	—	—	15.5	15.0	15.5	7.0	6.5	6.5
14	24.0	24.0	24.0	—	—	—	15.0	14.5	15.0	6.5	6.5	6.5
15	24.5	23.5	24.0	17.5	17.0	17.0	15.0	14.5	15.0	6.5	6.5	6.5
16	—	—	—	16.5	16.0	16.5	15.0	14.5	14.5	7.5	6.5	6.5
17	—	—	—	16.5	15.5	16.0	14.5	14.0	14.5	7.5	7.5	7.5
18	—	—	—	16.5	15.5	16.5	14.0	14.0	14.0	7.5	7.0	7.5
19	24.5	23.0	23.5	16.5	15.5	16.0	13.5	13.5	13.5	7.5	7.5	7.5
20	24.0	22.5	23.0	16.5	15.5	16.0	13.5	12.5	13.0	7.5	7.0	7.0
21	23.5	21.0	22.5	16.5	15.5	16.0	12.5	11.0	12.0	7.0	6.0	6.5
22	23.5	22.0	22.5	16.5	15.5	16.0	12.0	12.0	12.0	6.0	5.5	6.0
23	23.0	21.5	22.0	17.0	15.5	16.0	12.0	11.5	12.0	6.0	5.5	6.0
24	24.0	21.5	22.5	17.0	16.0	16.5	12.0	10.5	11.5	6.5	6.0	6.5
25	23.0	20.5	22.0	17.5	15.5	16.5	10.5	8.5	9.5	7.0	6.5	7.0
26	23.5	21.5	22.0	17.5	15.5	16.5	8.5	7.5	8.0	7.0	6.5	7.0
27	22.0	21.0	21.5	16.5	15.5	16.5	7.5	7.5	7.5	7.0	6.5	7.0
28	22.0	21.0	21.5	17.0	15.5	16.0	8.5	7.5	8.0	7.0	6.5	7.0
29	22.0	20.5	21.0	17.5	15.5	16.5	8.5	8.0	8.5	7.5	7.0	7.5
30	21.5	20.5	21.0	16.5	16.0	16.5	8.5	8.0	8.5	8.0	7.5	7.5
31	23.5	20.5	21.5	—	—	—	7.5	7.0	7.5	8.0	7.5	7.5
MONTH	24.5	20.5	23.0	22.0	15.5	17.5	16.5	7.0	13.0	8.0	5.5	7.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.5	7.0	7.5	—	—	—	16.5	16.0	16.0	20.0	19.5	20.0
2	7.5	7.0	7.5	—	—	—	17.0	16.0	16.5	20.5	20.0	20.5
3	7.5	7.5	7.5	—	—	—	17.0	16.5	16.5	20.5	20.0	20.5
4	8.0	7.5	8.0	—	—	—	16.5	16.5	16.5	20.5	20.0	20.5
5	8.0	7.5	8.0	—	—	—	17.0	16.5	16.5	21.5	20.0	21.0
6	8.0	7.5	8.0	—	—	—	16.5	16.5	16.5	22.5	21.0	21.5
7	7.5	7.0	7.5	11.0	11.0	11.0	17.0	16.0	16.5	22.5	21.5	22.0
8	7.5	7.0	7.0	11.0	10.5	11.0	17.5	16.5	17.0	23.5	22.0	23.0
9	7.5	7.0	7.0	11.5	11.0	11.0	17.5	17.0	17.0	23.0	22.5	22.5
10	7.5	7.0	7.5	11.5	10.5	11.0	17.0	15.5	16.5	22.5	22.0	22.5
11	8.0	7.0	7.5	11.0	10.5	11.0	16.0	15.5	16.0	23.0	22.0	22.5
12	8.5	7.5	8.0	11.5	10.5	11.0	16.5	15.5	16.5	23.0	22.5	23.0
13	8.5	8.0	8.5	12.0	11.0	11.5	17.5	16.5	17.0	23.5	22.5	23.0
14	—	—	—	12.0	11.5	12.0	18.0	17.0	17.5	24.0	23.5	23.5
15	—	—	—	13.0	12.0	12.5	18.0	18.0	18.0	24.0	23.5	24.0
16	—	—	—	13.5	12.5	13.0	18.0	17.5	17.5	23.5	23.0	23.5
17	10.5	10.5	10.5	13.5	13.0	13.5	17.5	17.0	17.5	23.0	23.0	23.0
18	11.0	10.5	11.0	14.0	13.5	14.0	17.5	17.0	17.0	23.5	22.5	23.0
19	11.5	11.0	11.0	14.5	13.5	14.0	18.0	17.0	17.5	23.5	23.0	23.0
20	11.5	11.0	11.0	14.5	14.0	14.0	18.0	17.5	17.5	24.0	23.0	23.5
21	11.0	11.0	11.0	14.5	13.5	14.0	18.5	17.5	18.0	24.5	23.0	24.0
22	11.0	11.0	11.0	14.5	13.5	14.0	19.0	18.0	18.5	24.5	23.5	24.0
23	11.5	10.5	11.0	15.0	14.0	14.5	18.5	18.0	18.5	24.5	23.5	24.0
24	11.5	10.5	11.0	15.5	14.5	15.0	18.5	18.0	18.0	24.0	23.5	23.5
25	11.5	9.5	10.5	16.0	15.0	15.5	18.5	19.0	18.0	24.5	23.5	24.0
26	—	—	—	16.0	15.5	16.0	19.5	18.0	19.0	25.0	24.0	24.5
27	—	—	—	16.5	15.5	16.0	19.5	19.0	19.5	25.0	24.5	25.5
28	—	—	—	16.5	16.0	16.5	19.5	19.0	19.5	25.0	24.5	25.0
29	—	—	—	17.0	16.0	16.5	20.5	19.5	20.0	—	—	—
30	—	—	—	16.0	15.5	16.0	20.0	19.5	20.0	24.0	24.0	24.0
31	—	—	—	16.0	15.5	16.0	—	—	—	24.0	23.0	23.5
MONTH	11.5	7.0	9.0	17.0	10.5	13.5	20.5	15.5	17.5	25.0	19.5	23.0

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC—Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.5	23.0	23.0	27.5	27.5	27.5	28.0	27.5	28.0	28.5	28.0	28.5
2	24.0	23.0	23.5	28.0	25.5	27.5	28.0	27.5	27.5	29.0	28.5	28.5
3	24.5	23.5	24.5	28.0	27.5	28.0	28.0	27.5	27.5	28.5	28.5	28.5
4	25.5	24.5	25.0	28.5	28.0	28.0	28.5	28.0	28.5	28.5	28.0	28.5
5	25.5	25.0	25.5	28.5	28.0	28.5	29.0	28.5	28.5	28.0	27.5	28.0
6	26.0	25.0	25.5	28.5	28.0	28.5	29.0	28.5	29.0	27.5	27.0	27.5
7	25.5	25.0	25.0	28.5	28.0	28.5	29.5	29.0	29.0	27.0	26.5	27.0
8	25.5	25.0	25.0	28.0	28.0	28.0	29.5	29.0	29.5	26.5	26.0	26.5
9	25.5	25.0	25.5	28.5	28.0	28.0	30.0	29.5	29.5	26.0	25.5	25.5
10	25.5	25.0	25.5	28.0	28.0	28.0	30.0	29.5	30.0	25.5	25.5	25.5
11	26.0	25.0	25.5	28.5	28.0	28.0	29.5	29.5	29.5	25.5	25.5	25.5
12	26.5	25.5	26.0	28.5	28.0	28.5	29.5	29.5	29.5	25.5	25.0	25.5
13	26.5	26.0	26.0	29.0	28.5	28.5	30.0	29.5	29.5	25.5	25.5	25.5
14	26.5	26.0	26.5	29.0	28.5	28.5	30.0	29.5	30.0	26.0	25.5	26.0
15	27.0	26.5	26.5	29.0	28.5	28.5	30.0	29.5	30.0	26.5	26.0	26.5
16	27.5	26.5	27.0	28.5	28.0	28.5	30.5	30.0	30.0	26.5	25.5	26.0
17	28.0	27.0	27.0	29.0	28.0	28.5	30.5	30.0	30.5	25.5	25.0	25.5
18	28.0	27.0	27.0	28.5	28.0	28.5	30.5	30.0	30.0	25.0	25.0	25.0
19	28.0	27.0	27.5	28.0	28.0	28.0	30.0	29.5	30.0	25.0	24.0	24.5
20	29.0	27.5	28.0	28.0	27.5	28.0	29.5	29.0	29.5	24.5	24.0	24.0
21	28.5	28.0	28.5	28.0	27.5	28.0	29.0	28.5	29.0	24.5	24.0	24.5
22	28.5	27.5	28.0	28.0	27.5	27.5	29.0	28.0	28.5	24.5	24.0	24.5
23	28.5	27.5	28.0	28.0	27.5	27.5	28.0	28.0	28.0	24.5	24.0	24.5
24	28.0	26.0	28.0	28.0	27.5	28.0	28.5	28.0	28.0	25.0	24.0	24.5
25	28.5	28.0	28.0	28.0	27.5	28.0	28.5	28.0	28.0	25.0	24.5	25.0
26	29.0	28.0	28.5	28.5	28.0	28.0	28.0	28.0	28.0	25.0	24.5	25.0
27	29.0	28.5	28.5	28.5	28.0	28.0	28.0	28.0	28.0	25.0	25.0	25.0
28	28.5	28.0	28.5	28.5	28.0	28.5	28.0	28.0	28.0	25.0	24.0	24.5
29	28.0	27.5	28.0	28.5	28.0	28.0	28.0	28.0	28.0	24.0	22.0	23.0
30	28.0	27.5	27.5	28.0	27.5	28.0	28.5	28.0	28.0	22.5	21.5	22.0
31	—	—	—	27.5	27.5	27.5	28.5	28.0	28.5	—	—	—
MONTH	29.0	23.0	26.5	29.0	25.5	28.0	30.5	27.5	29.0	29.0	21.5	25.5
YEAR	30.5	5.5	20.0									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC—Continued.

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1				—	—	—	9.9	9.5	9.7	—	—	—
2				—	—	—	9.8	9.5	9.7	—	—	—
3				—	—	—	9.8	9.5	9.7	—	—	—
4				—	—	—	9.5	9.1	9.3	12.4	10.9	12.2
5				—	—	—	9.5	8.0	8.5	12.6	11.2	11.8
6				—	—	—	9.0	8.0	8.6	12.1	11.7	12.0
7				—	—	—	9.9	8.0	9.0	11.9	11.7	11.8
8				—	—	—	10.1	9.3	9.8	11.8	11.5	11.7
9				—	—	—	10.2	9.7	10.1	12.2	11.1	11.7
10				—	—	—	10.3	9.7	10.1	11.9	9.9	11.1
11				—	—	—	10.2	8.5	10.0	11.7	9.8	11.0
12				—	—	—	9.9	8.4	8.9	11.5	11.2	11.4
13				—	—	—	10.1	8.5	9.0	11.5	11.0	11.4
14				—	—	—	10.7	8.2	9.6	11.4	11.2	11.4
15				—	—	—	10.4	8.2	9.9	11.5	11.1	11.4
16				—	—	—	10.3	9.9	10.2	11.4	9.8	11.2
17				—	—	—	10.5	10.1	10.4	11.2	8.9	10.0
18				—	—	—	10.5	10.1	10.4	11.3	8.4	9.8
19				—	—	—	10.5	10.1	10.3	12.0	8.0	10.5
20				—	—	—	11.0	10.3	10.8	12.4	11.4	11.8
21				—	—	—	11.1	10.8	11.0	11.8	11.4	11.7
22				—	—	—	11.0	10.6	10.9	12.0	11.4	11.8
23				—	—	—	10.9	10.3	10.8	12.2	11.6	12.0
24				—	—	—	11.0	10.0	10.8	12.0	11.5	11.8
25				—	—	—	11.1	10.0	10.8	11.8	11.2	11.6
26				—	—	—	11.7	10.0	11.0	11.7	10.8	11.2
27				—	—	—	11.7	10.0	10.8	11.1	10.7	10.9
28				—	—	—	12.2	10.1	11.2	10.9	10.5	10.7
29				—	—	—	11.8	11.4	11.7	10.9	10.5	10.7
30				9.7	8	9	11.6	11.4	11.6	10.9	10.5	10.7
31				—	—	—	12.1	11.6	11.9	10.7	10.5	10.7
MONTH				9.7	8	9	12.2	8.0	10.2	12.6	8.0	11.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.1	10.5	10.8	—	—	—	8.0	7.8	7.9	7.6	7.4	7.6
2	10.8	10.5	10.7	—	—	—	7.9	7.6	7.8	8.0	7.4	7.7
3	10.7	10.4	10.6	—	—	—	7.8	7.5	7.7	7.8	7.4	7.6
4	10.6	10.3	10.5	—	—	—	7.5	7.4	7.5	7.6	7.3	7.5
5	10.4	10.3	10.4	—	—	—	7.8	7.4	7.6	8.0	7.3	7.7
6	10.6	10.3	10.5	—	—	—	7.9	7.6	7.9	8.0	7.2	7.7
7	10.9	10.4	10.6	9.3	8.7	9.0	8.0	7.7	7.9	7.7	7.3	7.5
8	10.7	10.4	10.6	9.4	8.9	9.2	8.1	7.7	8.0	7.7	7.1	7.4
9	10.7	10.5	10.6	9.5	9.1	9.4	8.1	7.8	8.0	7.5	7.1	7.3
10	10.7	10.3	10.5	9.6	9.0	9.4	8.0	7.8	7.9	7.4	7.0	7.2
11	10.6	10.1	10.4	9.7	9.3	9.5	8.0	7.8	8.0	7.3	6.8	7.1
12	10.6	9.7	10.3	9.7	9.3	9.6	8.0	7.8	8.0	6.8	6.4	6.7
13	10.3	10.0	10.2	9.7	9.4	9.6	8.0	7.7	7.9	7.0	6.6	6.9
14	—	—	—	9.6	9.3	9.5	7.8	7.5	7.7	6.8	6.5	6.7
15	—	—	—	9.6	9.3	9.4	7.6	7.2	7.5	6.8	6.4	6.7
16	—	—	—	9.4	9.0	9.3	7.4	7.2	7.3	7.1	6.6	7.0
17	10.1	9.1	9.4	9.3	9.0	9.2	7.4	7.0	7.3	7.2	6.9	7.1
18	9.3	9.0	9.2	9.0	8.8	9.0	8.0	7.0	7.5	7.4	6.8	7.1
19	9.4	9.1	9.3	8.9	8.4	8.7	8.0	7.7	7.9	7.4	6.9	7.2
20	9.4	9.1	9.3	8.5	8.3	8.5	7.9	7.3	7.7	7.4	6.8	7.1
21	9.3	8.8	9.1	8.8	8.3	8.6	7.5	7.0	7.3	7.7	6.4	7.0
22	9.1	8.8	9.0	8.7	8.4	8.6	7.9	7.3	7.7	7.1	6.4	6.8
23	9.7	8.4	8.9	8.7	8.3	8.6	7.8	7.5	7.7	6.7	6.2	6.6
24	9.6	9.1	9.4	8.7	8.3	8.6	7.7	7.4	7.6	6.5	6.1	6.3
25	9.6	9.2	9.3	8.6	8.3	8.5	8.1	7.5	7.8	6.6	6.0	6.3
26	—	—	—	8.3	7.9	8.2	8.1	7.7	7.9	6.6	6.1	6.4
27	—	—	—	8.2	7.8	8.1	8.0	7.6	7.9	6.5	6.0	6.4
28	—	—	—	7.9	7.6	7.8	7.9	7.7	7.8	6.1	5.9	6.0
29	—	—	—	7.8	7.6	7.7	8.0	7.7	7.9	5.9	5.8	5.9
30	—	—	—	7.8	7.6	7.8	7.8	7.5	7.7	6.2	5.8	6.1
31	—	—	—	8.0	7.7	7.9	—	—	—	6.9	6.1	6.5
MONTH	11.1	8.4	10.0	9.7	7.6	8.8	8.1	7.0	7.7	8.0	5.8	6.9

02172053 COOPER RIVER AT HOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.2	6.5	7.0	5.1	4.8	5.0	6.5	5.8	6.1	6.0	5.8	5.9
2	7.4	6.9	7.2	5.3	4.8	5.1	6.4	5.5	6.0	5.9	5.5	5.8
3	7.4	6.9	7.2	5.5	4.8	5.4	6.2	5.4	5.9	5.8	5.4	5.6
4	7.4	6.8	7.1	5.8	5.3	5.6	6.4	5.5	6.0	5.5	5.4	5.5
5	7.0	6.6	6.9	5.8	5.5	5.7	6.2	5.4	5.9	5.7	5.3	5.5
6	6.9	6.4	6.7	5.7	5.4	5.6	6.4	5.6	6.0	5.6	5.0	5.4
7	6.7	6.2	6.5	5.5	5.1	5.4	6.3	5.6	6.1	6.0	5.1	5.7
8	6.7	6.2	6.5	5.4	5.2	5.3	6.2	5.7	6.0	6.3	5.4	6.0
9	6.5	6.1	6.4	5.4	5.1	5.3	6.2	5.4	5.9	6.4	6.0	6.3
10	6.5	6.1	6.4	5.5	5.2	5.4	5.8	4.9	5.5	6.8	6.2	6.4
11	6.2	6.0	6.2	5.5	5.2	5.5	5.3	4.5	4.9	6.6	6.3	6.5
12	6.0	5.7	6.0	6.4	5.3	5.8	4.9	4.4	4.7	6.6	6.3	6.6
13	5.9	5.4	5.8	6.0	5.8	6.0	4.9	4.1	4.4	6.7	6.5	6.6
14	5.7	5.4	5.6	6.0	5.8	5.9	4.4	3.6	4.1	6.6	6.4	6.5
15	5.7	5.3	5.6	6.0	5.7	5.9	5.2	3.5	4.6	6.7	6.1	6.6
16	5.7	5.3	5.6	5.9	5.7	5.8	5.5	5.0	5.3	6.6	5.3	6.2
17	6.2	5.3	5.7	6.0	5.7	5.9	5.5	5.2	5.4	6.5	5.3	5.9
18	6.1	5.3	5.7	6.1	5.6	5.8	5.4	4.9	5.3	6.4	5.2	5.8
19	5.8	5.3	5.6	6.2	5.7	6.0	5.3	4.7	5.2	6.4	5.5	5.8
20	5.7	5.3	5.5	6.2	5.8	6.0	5.0	4.6	4.9	6.7	5.6	6.1
21	5.4	4.6	5.2	6.2	5.7	6.0	4.8	3.9	4.6	6.5	5.9	6.3
22	5.2	4.4	4.9	6.0	5.5	5.9	5.1	4.1	4.7	6.5	6.0	6.3
23	5.1	4.5	4.9	6.1	5.6	5.9	5.1	4.2	4.8	6.4	6.0	6.3
24	5.1	4.5	4.9	6.0	5.5	5.9	5.3	4.7	5.2	6.4	5.7	6.2
25	5.3	4.5	5.0	6.3	5.4	5.9	5.3	4.8	5.2	6.4	5.8	6.2
26	5.5	4.7	5.2	6.2	5.9	6.1	5.5	4.9	5.3	6.6	6.0	6.4
27	5.6	4.9	5.4	6.1	5.8	6.0	5.5	5.0	5.4	6.8	6.0	6.6
28	5.6	5.2	5.5	6.1	5.7	5.9	5.6	5.1	5.5	6.8	6.0	6.6
29	5.4	5.1	5.3	6.0	5.7	5.8	6.3	5.4	5.8	6.9	6.4	6.8
30	5.2	4.8	5.1	5.8	5.4	5.6	6.1	5.6	5.9	7.2	6.6	7.0
31	—	—	—	5.5	5.3	6.0	6.0	5.7	5.9	—	—	—
MONTH	7.4	4.4	5.9	6.4	4.8	5.7	6.5	3.5	5.4	7.2	5.0	6.2
YEAR	12.6	3.5	7.7									

021720605 CHICKEN CREEK NEAR NORTH CHARLESTON, SC

LOCATION.—Lat 33°02'22", long 79°57'16", Berkeley County, Hydrologic Unit 03050201, on Chicken Creek at junction of Chicken Creek and Back River.

PERIOD OF RECORD.—May 1982 to current year.

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: May 1982 to current year.
WATER TEMPERATURE: May 1982 to current year.

INSTRUMENTATION.—USGS mini-monitor since May 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 259 microsiemens Aug. 2, 1982; minimum, 62 microsiemens Apr. 12, 13, 1983.
WATER TEMPERATURE: Maximum, 31.9°C Aug. 22, 1983; minimum, 5.6°C Jan. 21, 1983.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 128 microsiemens Oct. 14, 15, Jan. 30, Sept. 5; minimum, 75 microsiemens June 3,4, 20.
WATER TEMPERATURE: Maximum, 30.4°C Aug. 15-17; minimum, 5.9°C several days in Jan.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	112	110	111	103	98	101	105	100	103	112	109	111
2	118	109	113	101	97	100	105	100	102	111	108	110
3	118	112	115	101	96	99	103	99	102	111	108	109
4	117	115	117	102	97	100	103	100	103	108	102	107
5	117	115	116	102	98	101	105	100	103	109	102	107
6	118	116	117	102	99	101	103	98	102	108	102	106
7	118	117	118	103	98	101	116	100	107	118	102	107
8	120	116	119	102	98	100	112	102	109	105	100	103
9	123	119	122	103	98	101	108	102	105	105	100	102
10	123	121	123	102	99	101	107	100	105	111	100	104
11	122	118	121	108	99	103	107	100	104	103	100	102
12	122	114	120	116	100	108	108	100	105	109	100	103
13	121	115	119	107	100	103	105	100	104	105	100	103
14	128	114	118	105	100	103	107	102	104	105	100	103
15	128	116	120	105	100	103	108	100	105	103	100	102
16	123	118	121	112	100	104	115	102	109	103	100	103
17	120	115	118	112	100	106	119	102	111	102	100	102
18	119	112	116	105	100	104	112	102	111	102	100	101
19	117	110	113	103	100	102	109	100	105	101	100	101
20	114	108	111	103	100	102	105	100	103	102	100	101
21	109	100	105	105	100	102	103	100	103	102	100	101
22	107	100	103	105	100	102	103	100	102	102	100	101
23	109	100	104	105	100	102	105	100	103	103	101	102
24	103	100	101	105	100	102	105	100	104	103	101	103
25	117	102	108	107	100	104	114	102	108	103	100	102
26	116	108	111	110	102	107	112	110	111	122	100	109
27	112	107	109	110	102	107	112	109	111	127	102	111
28	110	100	107	108	100	105	111	109	111	115	107	110
29	110	102	107	105	100	103	115	110	112	127	108	113
30	110	98	105	107	102	105	116	110	113	128	110	115
31	105	99	102	—	—	—	114	110	112	125	111	115
MONTH	128	98	113	116	96	103	119	98	106	128	100	105

021720605 CHICKEN CREEK NEAR NORTH CHARLESTON, SC—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°) WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	125	112	116	114	96	105	94	90	89	94	88	91
2	115	110	112	99	90	96	95	82	91	99	90	93
3	110	107	109	97	90	94	94	89	92	99	90	94
4	110	102	107	94	90	92	95	81	91	97	91	94
5	109	102	108	92	89	91	96	90	93	100	91	94
6	111	109	111	93	89	91	100	94	97	98	90	93
7	125	109	117	96	92	94	107	96	101	100	89	95
8	111	102	109	99	94	96	101	93	97	100	93	97
9	109	100	105	105	98	101	95	82	91	99	92	97
10	105	100	102	110	100	103	91	80	84	94	87	91
11	109	100	104	103	98	101	85	80	83	92	82	89
12	109	100	104	108	97	102	97	80	83	92	82	88
13	103	96	101	100	91	96	89	80	84	91	87	90
14	100	94	97	98	93	96	91	80	86	92	87	90
15	99	94	97	98	93	96	92	80	88	92	80	86
16	99	94	97	99	91	96	93	82	89	91	80	87
17	98	90	96	99	80	95	93	88	91	89	80	85
18	98	94	96	95	89	93	98	92	95	88	80	84
19	100	88	96	96	87	92	102	94	98	89	80	84
20	100	95	98	96	90	93	99	93	96	91	87	89
21	101	97	100	100	90	94	101	93	97	93	88	90
22	100	88	98	102	88	99	102	94	98	91	80	85
23	101	92	97	107	100	103	97	94	96	89	82	87
24	133	100	102	110	99	103	100	97	98	93	89	91
25	119	100	106	102	97	100	102	93	97	91	82	88
26	122	102	110	105	100	102	98	93	96	91	80	86
27	105	93	101	105	98	102	96	91	95	90	80	87
28	100	96	98	95	87	93	95	89	93	90	80	84
29	119	100	106	100	88	95	93	88	91	83	79	82
30	—	—	—	108	96	101	91	80	89	83	79	81
31	—	—	—	98	87	94	—	—	—	82	77	80
MONTH	125	88	103	114	80	97	107	80	92	100	77	89

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	85	78	82	85	80	82	112	80	88	98	90	93
2	83	79	81	87	79	82	91	82	89	99	91	94
3	82	75	80	94	79	82	94	89	91	99	93	96
4	81	75	79	83	79	82	96	87	91	100	92	97
5	81	78	80	83	79	82	95	82	91	128	87	97
6	82	80	82	85	79	82	101	82	88	92	87	90
7	82	80	82	85	79	83	95	82	87	92	80	88
8	82	80	82	87	79	82	98	87	90	91	80	87
9	82	79	81	101	79	83	91	82	89	92	80	87
10	82	80	82	85	79	82	92	82	89	92	82	89
11	83	81	83	85	78	82	92	82	90	95	87	89
12	83	80	83	85	78	82	91	82	89	115	89	93
13	83	80	82	85	79	82	99	89	91	95	89	93
14	83	80	82	87	78	82	101	90	93	91	80	88
15	85	80	82	85	78	81	114	88	93	97	82	89
16	85	80	83	87	79	83	93	88	91	92	82	89
17	87	80	84	90	80	83	90	82	88	91	87	89
18	98	80	83	87	80	83	90	85	88	92	88	91
19	88	79	83	91	80	83	90	87	89	94	88	92
20	85	75	82	85	80	83	91	82	89	94	90	92
21	85	79	82	87	80	83	91	87	89	95	88	93
22	87	80	84	85	80	82	90	87	89	102	87	93
23	89	79	84	87	80	85	91	87	89	96	87	92
24	89	80	85	89	80	85	93	87	90	95	89	92
25	85	80	82	88	80	84	89	87	89	94	90	92
26	85	79	83	87	80	83	92	82	89	118	90	94
27	83	78	82	85	79	83	89	82	88	111	90	95
28	98	79	82	85	79	82	89	82	86	95	89	92
29	85	78	82	85	80	82	88	82	87	91	82	89
30	85	80	83	87	80	85	108	87	91	120	82	90
31	—	—	—	101	80	85	95	89	91	—	—	—
MONTH	98	75	82	101	78	83	114	80	89	128	80	92
YEAR	128	73	96									

021720605 CHICKEN CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.5	22.5	23.0	20.0	19.0	19.5	15.0	14.5	14.5	7.0	6.0	6.5
2	23.5	19.5	23.0	20.0	19.0	19.5	15.0	14.0	14.5	7.0	6.0	6.5
3	24.0	22.0	23.5	20.0	19.5	20.0	15.5	15.5	15.0	7.0	6.5	6.5
4	24.5	23.5	24.0	20.0	19.5	20.0	16.5	15.5	16.0	7.5	6.0	7.0
5	25.5	24.0	24.5	19.5	18.5	19.0	16.5	15.5	16.0	7.5	6.5	7.0
6	25.5	24.5	25.0	19.0	18.0	18.5	16.5	14.5	16.0	8.0	7.0	7.5
7	24.5	23.5	24.5	18.5	17.5	18.0	16.0	14.5	15.5	8.0	7.5	7.5
8	24.0	23.5	23.5	18.5	17.5	18.0	14.5	14.0	14.5	8.0	7.0	7.5
9	23.5	23.5	23.5	18.5	17.5	18.0	14.5	13.0	14.0	8.5	7.5	8.0
10	23.5	23.0	23.5	19.0	18.0	18.5	14.5	13.0	14.0	9.0	8.0	8.5
11	23.0	22.5	23.0	18.5	17.5	18.0	15.0	13.5	14.5	9.0	8.5	9.0
12	23.5	23.0	23.5	17.3	16.5	17.0	15.0	14.5	15.0	8.5	7.5	8.0
13	24.0	23.5	23.5	17.0	16.0	16.5	15.5	14.5	15.0	7.5	7.0	7.5
14	24.0	23.0	23.5	16.5	15.5	16.0	15.0	14.5	15.0	7.0	7.0	7.0
15	23.0	22.5	22.5	17.0	15.5	16.5	15.0	14.5	15.0	7.5	7.0	7.0
16	22.5	22.0	22.0	17.0	15.5	16.5	14.5	14.0	14.5	7.5	7.0	7.5
17	22.5	21.5	22.0	16.0	15.0	15.5	14.0	13.5	14.0	8.0	7.5	7.5
18	23.0	22.0	22.5	15.5	14.5	15.0	14.0	13.5	13.5	8.5	7.5	8.0
19	23.0	22.5	22.5	15.5	14.5	15.0	13.5	13.0	13.5	9.0	8.0	8.5
20	22.5	22.0	22.5	16.0	15.0	15.5	13.5	12.5	13.0	8.5	7.5	8.0
21	22.0	21.5	22.0	16.0	15.5	16.0	12.5	11.5	12.0	7.5	7.0	7.0
22	21.5	20.5	21.0	15.5	15.5	15.5	12.0	11.5	12.0	7.0	6.0	6.5
23	21.5	20.5	21.0	16.0	15.0	15.5	12.0	11.5	11.5	7.0	6.0	6.5
24	21.5	21.0	21.5	16.5	15.5	16.0	11.5	9.5	11.0	8.0	7.0	7.5
25	21.5	21.0	21.5	16.5	15.5	16.0	9.5	7.5	8.5	9.0	7.5	8.5
26	21.5	20.5	21.0	15.5	14.5	15.0	8.5	7.0	7.5	9.5	7.5	8.5
27	21.0	20.0	20.5	15.5	14.5	15.0	8.0	7.0	7.5	9.5	7.5	9.0
28	20.0	19.5	20.0	16.0	15.5	15.5	8.5	7.0	8.0	11.0	7.5	9.5
29	20.0	19.0	19.5	16.0	15.0	15.5	9.0	8.0	8.5	11.0	8.0	10.0
30	20.0	19.5	19.5	15.0	14.5	15.0	8.5	8.0	8.5	10.5	8.0	9.5
31	19.5	19.0	19.5	—	—	—	7.5	7.0	7.0	10.0	8.0	9.5
MONTH	25.5	19.0	22.5	20.0	14.5	17.0	16.5	7.0	12.5	11.0	6.0	8.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.5	8.0	9.0	11.0	9.5	10.0	17.0	16.0	16.5	23.0	19.5	22.0
2	9.5	7.5	8.5	11.0	9.5	10.5	17.5	16.0	17.0	23.5	20.5	22.0
3	9.5	7.5	9.0	11.5	10.0	11.0	17.5	16.5	17.0	22.5	20.5	21.5
4	10.5	8.5	9.5	12.5	11.0	11.5	18.0	15.5	17.0	23.5	20.0	22.0
5	10.5	9.0	10.0	13.0	11.0	12.0	18.0	16.0	17.5	24.0	21.0	22.5
6	10.5	9.5	10.0	14.5	11.5	13.5	18.0	17.0	17.5	24.5	21.0	23.0
7	9.5	8.0	8.5	14.5	14.0	14.0	18.0	16.5	17.5	25.0	21.5	24.0
8	9.0	7.5	8.0	14.0	13.0	13.5	18.0	16.5	17.5	25.5	22.0	24.5
9	8.5	7.5	8.0	13.5	12.5	13.0	18.0	16.5	17.5	25.5	23.0	24.5
10	9.5	8.0	8.5	13.0	11.0	12.5	17.5	15.5	16.5	24.5	22.5	23.5
11	10.5	8.0	9.5	13.5	11.5	12.5	17.0	15.5	16.0	24.5	22.5	23.0
12	10.5	8.5	10.0	13.0	11.5	12.5	17.5	16.0	16.5	25.0	22.5	23.5
13	11.0	8.5	10.0	13.5	12.0	13.0	18.5	16.5	17.5	25.5	23.0	24.0
14	11.5	9.0	11.0	15.0	12.5	14.0	20.5	17.5	18.5	25.5	23.5	24.5
15	12.5	10.0	11.5	16.0	13.0	14.5	20.5	18.0	19.5	24.5	21.5	23.5
16	12.5	10.5	11.5	16.0	13.0	15.0	20.0	17.5	19.0	23.5	22.5	23.5
17	13.0	11.0	12.0	16.5	14.0	15.5	19.5	17.5	19.0	23.5	21.5	23.0
18	13.5	11.0	12.5	16.5	14.5	15.0	19.5	16.0	18.5	23.5	22.0	23.0
19	14.0	11.5	13.0	17.0	14.0	15.5	19.5	17.5	18.5	24.0	22.5	23.5
20	14.5	11.5	13.0	18.5	14.0	16.5	19.5	17.5	18.5	25.0	23.0	24.0
21	14.5	11.5	13.5	18.0	14.5	16.5	20.5	17.5	19.0	25.5	23.0	24.0
22	14.0	12.0	13.0	18.0	17.0	17.5	20.5	18.0	19.5	25.5	23.0	24.5
23	13.5	11.5	13.0	18.0	16.5	17.5	21.0	18.0	20.0	25.5	23.5	25.0
24	14.0	12.5	13.5	18.0	15.0	17.0	20.5	19.0	20.0	26.0	22.0	25.0
25	14.5	12.0	13.5	18.5	15.5	17.5	20.0	17.5	19.0	25.5	23.0	24.5
26	14.0	11.5	13.0	19.0	18.0	18.5	20.5	19.0	20.0	26.5	24.0	25.5
27	13.0	12.0	12.5	18.5	15.5	17.5	21.0	19.0	20.0	26.0	24.0	25.0
28	13.5	12.0	13.0	18.5	16.0	17.5	22.0	19.5	21.0	25.5	24.0	24.5
29	12.0	10.5	11.0	18.0	17.5	18.0	22.5	19.5	21.0	25.0	24.0	24.5
30	—	—	—	17.5	15.5	17.0	22.5	19.5	21.0	24.5	23.0	24.0
31	—	—	—	16.5	15.0	16.0	—	—	—	24.0	21.5	23.0
MONTH	14.5	7.5	11.0	19.0	9.5	14.5	22.5	15.5	18.5	26.5	19.5	23.5

021720605 CHICKEN CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.5	21.0	23.0	28.0	27.0	27.5	28.0	27.5	28.0	28.5	28.0	28.5
2	23.5	21.0	23.0	28.0	26.0	28.0	28.0	27.5	28.0	29.0	28.0	28.5
3	25.0	22.5	24.0	28.5	26.0	27.5	28.5	24.0	27.5	29.0	28.0	28.5
4	26.0	24.5	25.0	28.5	25.5	28.0	29.0	26.5	27.5	29.5	28.0	28.5
5	27.0	23.5	25.5	29.0	27.0	28.0	29.0	27.0	28.5	28.0	27.5	27.5
6	27.5	22.5	25.0	28.5	26.0	27.5	30.0	26.5	28.5	27.5	27.0	27.0
7	27.5	24.0	25.5	28.5	27.5	28.0	29.5	27.0	28.0	27.0	26.5	27.0
8	27.5	24.0	26.0	28.0	26.5	27.5	30.0	28.0	29.5	26.5	26.0	26.5
9	27.5	24.5	26.0	28.5	27.0	28.0	30.5	28.0	29.5	26.5	25.5	26.0
10	27.5	25.0	26.0	28.0	25.5	27.5	30.0	27.5	29.0	26.0	25.5	26.0
11	28.0	25.5	26.5	29.0	27.5	28.0	30.0	28.0	29.0	26.0	25.5	25.5
12	28.5	26.0	27.0	29.5	27.0	28.5	30.0	27.0	29.5	26.0	25.0	25.5
13	28.5	26.0	27.0	29.5	28.0	28.5	30.0	29.0	29.5	26.0	22.0	25.0
14	29.5	26.0	27.5	29.0	28.5	29.0	30.0	28.0	29.5	26.5	23.0	25.5
15	29.0	26.5	27.5	28.5	28.0	28.5	30.5	28.0	30.0	26.5	26.0	26.5
16	28.5	25.5	27.0	29.0	27.5	28.0	30.5	29.5	30.0	26.0	21.5	25.0
17	28.0	26.5	27.0	29.0	27.0	28.5	30.5	30.0	30.0	25.0	24.0	24.5
18	28.0	26.0	27.5	29.0	27.0	28.0	30.0	29.5	30.0	24.0	23.5	23.5
19	28.5	27.5	28.0	28.5	26.0	27.5	29.5	29.0	29.5	24.0	23.5	23.5
20	29.0	28.0	28.5	28.0	27.5	28.0	29.5	28.5	29.0	24.0	20.5	23.5
21	28.5	27.0	28.0	28.0	27.5	27.5	29.0	28.0	28.5	24.0	20.0	23.5
22	28.0	27.5	28.0	28.0	25.5	27.5	28.5	27.5	28.0	24.5	23.5	24.0
23	28.0	27.5	27.5	28.0	26.5	27.5	29.0	27.5	28.0	25.0	23.0	24.0
24	28.0	27.0	28.0	28.5	24.5	27.5	29.0	28.0	28.5	25.0	21.5	24.0
25	29.5	28.0	28.5	28.5	27.0	28.0	29.0	28.0	28.5	25.0	21.0	24.0
26	29.5	22.5	28.5	28.5	26.5	27.5	28.5	28.0	28.5	25.0	22.0	24.5
27	29.0	28.0	28.5	29.0	23.5	27.0	28.5	27.5	28.0	24.5	21.5	23.5
28	28.5	27.5	28.0	29.0	27.0	28.0	28.5	27.5	28.0	24.0	22.5	23.0
29	28.0	27.5	28.0	28.5	27.0	28.0	28.5	27.0	28.0	22.5	21.5	22.0
30	28.0	27.0	27.5	28.0	27.0	27.5	28.5	27.5	28.0	21.5	20.5	21.0
31	---	---	---	28.0	26.5	27.5	28.5	27.5	28.5	---	---	---
MONTH	29.5	21.0	27.0	29.5	23.5	28.0	30.5	24.0	28.5	29.5	20.0	25.0
YEAR	30.5	6.0	19.5									

021720605 CHICKEN CREEK AT NORTH CHARLESTON

WATER QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)
AUG							
12...	--	90	7.0	28.5	23	6.0	2.0
SEP							
09...	1245	114	--	25.0	26	6.9	2.1

DATE	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM AD-SORP-TION RATIO	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
AUG							
12...	11	1	9.0	8.8	70	.10	77
SEP							
09...	14	1	9.0	13	69	.09	79

021720605 CHICKEN CREEK AT NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)
OCT								
26...	1345	—	—	14.0	24	—	6.1	2.2
NOV								
22...	1441	90	7.0	15.5	25	0	6.2	2.3
DEC								
20...	1500	98	7.0	5.5	22	0	5.4	2.0
JAN								
19...	1508	118	7.0	7.5	25	2	6.4	2.1
FEB								
16...	1324	80	6.9	8.0	18	4	5.4	1.2
MAR								
16...	1352	86	6.9	13.5	18	1	4.7	1.6
APR								
20...	1500	85	7.0	15.5	23	4	6.6	1.5
MAY								
11...	1450	92	7.0	22.0	22	2	5.9	1.8
JUN								
08...	1616	98	7.0	26.5	26	1	7.2	2.0
JUL								
07...	1435	88	7.1	28.5	23	0	6.0	1.9
AUG								
31...	1831	104	7.0	29.5	26	0	7.0	2.0
SEP								
28...	1404	110	7.0	22.5	24	0	6.5	2.0

DATE	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM AD-SORP-TION RATIO	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
OCT								
26...	17	2	—	9.0	17	90	.12	98
NOV								
22...	16	1	25	10	13	88	.12	83
DEC								
20...	12	1	23	9.0	11	78	.11	82
JAN								
19...	15	1	23	10	14	69	.09	98
FEB								
16...	7.2	.8	14	9.0	11	68	.09	74
MAR								
16...	7.7	.8	17	10	8.1	70	.10	74
APR								
20...	7.9	.8	19	15	9.2	96	.12	—
MAY								
11...	7.6	.7	20	10	9.2	—	—	66
JUN								
08...	10	.9	25	11	13	—	—	72
JUL								
07...	8.3	.8	24	9.5	8.9	—	—	70
AUG								
31...	9.4	.8	28	8.9	8.4	—	—	66
SEP								
28...	12	1	28	10	12	—	—	78

021720605 CHICKEN CREEK AT NORTH CHARLESTON,SC-- Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)
OCT 26...	1404	108	7.0	20.5	23	0	5.9	2.0	11
NOV 22...	1436	86	7.0	14.5	20	0	5.0	1.9	10
DEC 20...	1341	105	7.0	12.0	18	0	4.4	1.8	11
MAR 12...	1152	94	7.0	13.5	19	3	5.2	1.5	9.1
MAY 09...	1520	92	7.0	23.5	24	4	7.4	1.4	8.6
JUN 06...	1430	78	7.0	26.5	20	0	5.3	1.6	7.2
JUL 31...	1322	78	7.0	27.0	18	0	4.7	1.6	6.9
AUG 29...	1509	82	7.0	27.5	19	0	4.8	1.6	7.8
SEP 26...	1345	88	6.8	24.5	21	0	5.3	1.8	8.6

DATE	SODIUM AD-SORP-TION RATIO	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT 26...	1	29	9.7	11	--	--	74	--
NOV 22...	1	26	8.8	9.0	--	--	68	--
DEC 20...	1	25	9.6	9.4	--	--	63	--
MAR 12...	.9	16	8.9	11	--	--	64	--
MAY 09...	.8	20	7.9	11	--	--	90	--
JUN 06...	.7	19	7.3	7.6	--	--	63	--
JUL 31...	.7	21	9.3	6.6	--	--	58	<1
AUG 29...	.8	21	7.2	8.0	--	--	64	--
SEP 26...	.9	24	7.6	8.4	60	.08	66	--

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 33°00'51", long 79°56'15", Berkeley County, Hydrologic Unit 03050201, on east bank of Back River at SCE&G intake.

PERIOD OF RECORD.--May 1982 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1982 to current year.
WATER TEMPERATURE (BOTTOM): August 1982 to current year.
WATER TEMPERATURE (TOP): November 1983 to September 1984.

INSTRUMENTATION.--USGS mini-monitor since May 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 361 microsiemens July 19, 1982; minimum, 71 microsiemens Mar. 27, 28, 1983.
WATER TEMPERATURE (BOTTOM): Maximum, 31.0°C Aug. 8, 9, 1984; minimum, 5.0°C Jan. 21, 1983.
WATER TEMPERATURE (TOP): Maximum, 33.9°C Aug. 4, 1983; minimum, 4.9°C Jan. 21, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 151 microsiemens Apr. 27; minimum, 75 micromsiemens June 1, 2, 4.
WATER TEMPERATURE (BOTTOM): Maximum, 31.0°C Aug. 8, 9; minimum, 5.6°C Jan. 1, 2.
WATER TEMPERATURE (TOP): Maximum, 32.5°C Aug. 6; minimum, 5.5°C Jan. 1, 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	125	107	120	124	113	120	122	113	118
2	---	---	---	---	---	---	123	107	118	119	109	115
3	---	---	---	---	---	---	125	107	118	119	108	115
4	---	---	---	---	---	---	131	112	123	119	111	116
5	---	---	---	129	103	119	133	118	125	120	113	117
6	---	---	---	124	102	114	125	101	117	120	114	117
7	---	---	---	129	107	119	129	108	123	123	118	121
8	---	---	---	123	99	114	127	118	123	123	116	120
9	---	---	---	118	104	114	125	113	122	125	118	122
10	---	---	---	119	108	115	126	119	123	124	113	120
11	---	---	---	134	114	126	127	113	121	125	117	121
12	---	---	---	137	125	133	123	112	117	124	116	121
13	---	---	---	132	121	127	123	115	119	121	109	117
14	141	133	137	128	116	125	119	109	115	124	110	118
15	141	128	139	134	110	122	123	112	118	124	107	115
16	141	128	138	128	115	122	126	116	121	114	97	109
17	143	135	139	128	120	124	125	116	121	113	98	108
18	142	128	139	126	120	123	122	114	118	115	100	107
19	144	128	137	131	115	125	120	103	114	114	102	109
20	---	---	---	136	107	122	114	100	108	116	106	111
21	---	---	---	131	114	122	112	99	108	115	106	111
22	---	---	---	131	107	120	110	99	105	115	107	112
23	---	---	---	128	106	121	120	107	114	116	111	115
24	---	---	---	128	107	119	119	109	115	118	115	117
25	---	---	---	130	112	123	122	113	117	126	116	119
26	---	---	---	130	118	126	117	113	116	125	118	121
27	139	132	133	127	114	121	116	113	115	126	120	123
28	142	127	137	124	105	114	117	110	114	126	123	125
29	144	130	137	125	108	120	118	111	116	133	124	129
30	144	108	137	125	117	123	126	114	119	135	124	130
31	134	106	123	---	---	---	121	116	119	135	125	132
MONTH	144	106	136	137	99	121	133	99	117	135	97	118

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	135	125	131	135	108	126	115	93	106	121	103	109
2	134	122	129	129	114	123	121	87	106	133	107	115
3	133	111	125	130	105	121	121	105	111	120	103	112
4	133	120	126	123	96	111	119	93	107	119	101	111
5	133	116	128	115	83	104	127	84	112	119	109	114
6	138	126	133	123	87	104	130	121	126	118	108	113
7	137	126	131	122	100	116	130	117	123	123	108	113
8	133	127	131	129	114	122	126	110	121	119	119	114
9	132	121	128	136	120	130	123	99	108	116	112	114
10	134	125	129	135	125	129	114	85	99	117	110	113
11	132	117	125	134	119	128	111	91	100	118	104	111
12	132	114	121	135	115	126	107	90	98	114	104	109
13	124	104	114	127	96	111	110	98	104	110	102	107
14	122	96	109	129	116	121	116	97	108	110	103	107
15	124	101	111	133	111	122	112	101	108	109	103	107
16	116	97	107	126	106	119	112	101	107	111	100	105
17	120	99	111	118	105	112	116	106	112	109	97	103
18	119	95	110	114	93	104	121	112	116	107	91	99
19	116	104	110	113	102	109	119	112	116	105	92	100
20	116	106	111	112	87	104	118	110	115	107	101	104
21	113	106	110	116	92	101	123	114	120	108	102	105
22	114	103	109	124	108	116	125	114	119	108	97	103
23	120	109	116	130	120	125	126	113	120	110	99	103
24	124	119	127	133	119	125	130	124	127	115	98	103
25	128	121	125	130	110	122	132	123	127	119	97	103
26	129	121	125	134	124	129	134	125	129	107	95	102
27	126	108	117	133	121	128	151	114	125	106	89	101
28	130	106	116	129	81	108	135	104	119	104	88	96
29	134	108	128	132	87	117	119	107	113	95	85	90
30	---	---	---	135	119	128	115	100	108	95	84	90
31	---	---	---	132	101	117	---	---	---	97	79	89
MONTH	138	95	120	136	81	118	151	84	114	133	79	105

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	92	75	82	108	86	92	92	81	87	107	101	104
2	96	75	86	94	82	89	96	87	91	109	102	104
3	101	80	89	97	81	90	108	89	94	108	102	105
4	95	75	82	94	84	88	99	94	97	121	102	107
5	96	76	86	95	83	88	105	93	99	122	103	111
6	94	86	90	94	84	90	105	89	94	111	99	105
7	94	83	90	94	86	89	98	90	94	108	99	103
8	102	81	91	94	86	90	98	92	95	108	99	104
9	104	80	91	94	84	90	98	89	93	108	99	104
10	93	82	89	95	84	88	99	90	95	108	99	103
11	105	78	89	96	86	90	104	90	96	108	99	103
12	97	81	88	95	86	90	97	90	93	108	99	105
13	111	81	90	92	86	89	98	92	96	107	101	105
14	99	82	90	93	85	89	104	94	98	108	96	105
15	96	79	88	94	83	88	114	98	103	106	93	102
16	96	78	89	93	84	89	109	97	104	107	92	102
17	94	78	87	94	84	90	108	95	102	103	92	97
18	91	82	86	94	83	90	105	94	100	101	94	98
19	95	87	92	96	88	91	108	100	103	101	95	98
20	96	81	86	93	84	89	120	99	104	101	95	98
21	99	83	91	89	83	87	109	99	105	105	93	99
22	107	84	90	91	82	86	125	99	104	107	94	101
23	92	84	88	90	83	86	108	99	104	104	95	99
24	102	86	91	94	87	91	108	99	104	103	96	99
25	97	86	92	91	88	90	108	99	104	100	94	97
26	105	85	93	94	85	90	108	99	105	100	93	97
27	95	86	89	93	85	89	108	101	105	102	94	99
28	92	84	89	92	84	88	108	99	103	115	94	101
29	109	84	90	91	81	86	108	99	103	115	91	96
30	92	84	89	84	81	82	108	99	105	104	95	99
31	---	---	---	91	80	84	108	99	103	---	---	---
MONTH	111	75	89	108	80	89	125	81	99	122	91	102
YEAR	151	75	109									

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	19.5	18.5	19.0	15.0	14.5	15.0	6.0	5.5	6.0
2	---	---	---	19.5	18.5	19.0	15.0	14.5	15.0	6.5	5.5	6.0
3	---	---	---	20.5	18.5	19.5	16.0	14.5	15.5	7.5	5.5	6.5
4	---	---	---	20.0	19.0	19.5	16.5	15.5	16.0	6.5	5.5	6.0
5	25.5	24.5	25.0	19.5	18.5	19.0	17.0	16.0	16.5	7.0	6.0	6.5
6	25.5	24.5	25.0	19.0	18.0	18.5	17.0	16.5	17.0	7.5	6.5	7.0
7	24.5	23.5	24.0	18.5	18.0	18.0	16.5	15.0	15.5	8.0	7.0	7.5
8	23.5	23.0	23.5	18.0	17.5	18.0	15.0	14.0	14.5	8.0	7.5	8.0
9	23.5	23.0	23.5	18.0	17.5	17.5	15.0	14.0	14.5	9.0	7.5	8.0
10	23.5	23.0	23.0	18.5	17.5	18.0	15.5	14.0	14.5	9.0	8.0	8.5
11	23.0	22.5	23.0	18.5	18.0	18.0	14.5	14.0	14.5	9.5	8.0	9.0
12	23.5	23.0	23.5	18.0	17.0	17.5	15.0	14.5	15.0	8.5	7.5	8.0
13	24.0	23.5	24.0	17.0	16.0	16.5	15.5	14.5	15.0	7.5	7.0	7.5
14	24.0	23.0	23.5	17.5	15.5	16.0	15.0	14.5	15.0	7.0	7.0	7.0
15	23.0	22.5	23.0	16.5	16.0	16.5	15.0	14.5	15.0	7.0	7.0	7.0
16	22.5	22.0	22.5	16.5	15.5	16.0	15.0	14.0	14.5	7.5	7.0	7.0
17	23.0	22.0	22.5	15.5	13.0	15.5	14.5	13.5	14.0	8.0	7.0	7.5
18	23.0	21.5	22.5	16.5	14.5	15.0	13.5	13.0	13.5	8.5	7.5	8.0
19	23.0	22.0	22.5	16.5	14.5	15.5	13.0	12.5	13.0	8.5	8.0	8.0
20	22.5	22.0	22.0	15.5	15.0	15.5	12.5	11.5	12.0	8.0	7.5	7.5
21	22.0	21.0	21.5	17.5	15.5	16.0	11.5	11.0	11.5	7.5	7.0	7.0
22	21.0	20.5	21.0	17.0	15.5	16.0	11.5	11.0	11.5	7.0	6.0	6.5
23	21.0	20.5	21.0	16.5	15.5	16.0	11.5	11.5	11.5	7.5	6.0	6.5
24	22.0	21.0	21.5	16.5	16.0	16.5	11.5	10.0	11.0	8.0	7.0	7.0
25	21.5	21.0	21.5	16.5	15.5	16.0	10.0	7.5	8.5	10.0	7.5	8.5
26	22.0	20.5	21.0	17.0	15.0	16.0	8.0	6.5	7.0	10.0	8.0	9.0
27	20.5	20.0	20.5	15.5	15.0	15.5	7.5	6.5	7.0	9.5	8.5	9.0
28	20.5	19.5	20.0	16.0	15.5	16.0	8.0	7.0	7.5	10.5	8.5	9.0
29	22.0	19.5	20.5	16.0	15.5	16.0	8.5	7.5	8.0	10.0	8.5	9.5
30	20.5	19.0	20.0	15.5	15.0	15.5	8.5	7.0	7.5	10.0	9.0	9.5
31	19.5	18.5	19.0	---	---	---	7.0	6.0	6.5	10.0	9.0	9.5
MONTH	25.5	18.5	22.0	20.5	14.5	17.0	17.0	6.0	12.5	10.5	5.5	7.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.0	9.0	9.5	11.0	9.0	10.5	17.5	16.5	17.0	25.5	22.5	23.5
2	10.0	9.0	9.5	11.5	10.0	10.5	18.0	16.5	17.5	24.0	22.5	23.0
3	10.5	9.5	10.0	12.5	10.5	11.5	17.5	17.0	17.5	23.0	22.5	23.0
4	11.0	10.0	10.5	12.5	11.0	12.0	18.0	17.0	17.5	23.5	22.5	23.0
5	10.5	10.0	10.5	13.0	12.0	12.5	18.0	17.5	18.0	24.5	23.0	23.5
6	10.0	9.0	9.5	13.5	13.0	13.5	18.5	17.5	18.0	25.0	23.0	24.0
7	9.0	8.5	9.0	13.5	13.0	13.5	18.5	17.5	18.0	27.0	23.5	25.0
8	9.0	8.0	8.5	13.5	12.5	13.0	20.5	17.5	18.5	25.5	24.5	25.0
9	10.0	8.0	9.0	13.0	12.5	12.5	18.5	18.0	18.0	25.5	24.0	24.5
10	10.0	8.5	9.0	14.5	12.0	13.0	18.0	16.5	17.0	26.0	23.0	24.5
11	10.5	9.0	10.0	13.5	12.5	13.0	18.0	16.0	16.5	27.0	23.5	24.5
12	11.5	10.0	11.0	13.5	12.5	13.0	19.0	16.0	17.5	26.0	23.5	24.5
13	12.0	11.5	12.0	14.5	13.0	13.5	19.0	18.0	18.5	27.5	24.0	25.5
14	13.5	11.0	12.5	17.0	13.0	14.5	21.5	18.5	19.5	28.0	24.5	26.0
15	13.5	12.0	12.5	16.5	14.0	15.5	21.5	19.5	20.0	25.0	24.0	25.0
16	15.5	12.0	13.5	17.0	15.0	16.0	20.0	19.5	20.0	24.0	23.0	23.5
17	15.0	13.0	14.0	18.5	16.0	17.0	19.5	19.0	19.5	24.0	23.0	23.5
18	16.0	13.0	14.5	17.5	16.5	17.0	19.5	18.5	19.0	25.5	22.5	23.5
19	15.0	13.5	14.5	19.0	16.5	18.0	19.5	18.5	19.0	24.5	23.0	23.5
20	15.0	14.5	14.5	18.5	17.5	18.0	20.0	18.5	19.0	25.5	23.5	24.0
21	15.0	14.0	14.5	18.0	17.5	18.0	20.5	19.0	19.5	27.0	24.0	25.0
22	14.0	13.0	13.5	17.5	17.0	17.5	20.5	20.0	20.0	26.0	25.0	25.5
23	13.5	13.0	13.5	18.5	17.0	17.5	20.5	19.5	20.0	26.0	25.5	26.0
24	14.0	13.0	13.5	18.5	17.5	18.0	20.0	19.0	19.5	26.0	25.0	25.5
25	14.0	13.0	13.5	19.5	18.0	18.5	21.0	19.0	20.0	28.0	24.5	26.0
26	14.5	13.0	14.0	19.5	18.0	18.5	24.5	20.0	21.5	27.5	25.5	26.5
27	13.5	13.0	13.5	18.5	18.0	18.0	23.0	21.0	27.5	26.5	25.5	26.0
28	13.5	12.0	12.5	19.0	18.0	18.5	25.0	21.0	23.0	26.0	25.5	26.0
29	12.0	10.5	11.0	18.5	17.5	18.0	24.0	22.5	23.0	26.0	25.5	25.5
30	---	---	---	18.0	16.5	17.5	23.0	22.5	23.0	25.0	24.0	25.0
31	---	---	---	17.0	16.5	17.0	---	---	---	24.0	23.0	23.5
MONTH	16.0	8.0	12.0	19.5	9.0	15.5	25.0	16.0	19.5	28.0	22.5	24.5

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER TEMPERATURE (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.5	22.0	23.0	28.5	27.5	28.0	29.0	28.0	28.5	30.5	28.0	29.0
2	26.0	22.5	24.0	29.0	27.5	28.0	28.5	28.0	28.5	30.0	29.0	29.0
3	28.0	24.0	25.5	30.5	27.5	28.5	31.0	28.0	29.0	30.0	28.5	29.0
4	29.0	24.5	26.5	29.5	28.0	28.5	31.5	28.5	29.5	30.0	28.5	29.0
5	28.0	26.0	27.0	29.5	28.5	29.0	32.0	29.0	30.0	29.5	27.0	28.0
6	28.0	26.5	27.5	29.0	28.5	29.0	32.5	29.5	30.5	27.0	26.5	27.0
7	29.5	27.0	28.0	30.5	28.0	29.5	31.5	30.0	30.5	27.0	26.0	26.5
8	30.0	27.0	28.0	29.5	28.0	28.5	31.5	30.0	31.0	26.0	25.5	26.0
9	29.5	27.0	28.0	30.0	27.5	28.5	32.0	30.0	31.0	26.0	25.5	25.5
10	30.0	27.0	28.0	29.0	28.0	28.5	32.0	30.0	31.0	26.0	25.5	25.5
11	30.0	27.0	28.0	30.0	28.0	28.5	30.5	29.5	30.0	25.5	25.5	25.5
12	31.0	27.5	28.5	30.5	28.5	29.0	31.0	29.5	30.0	25.5	25.0	25.5
13	30.0	28.0	28.5	30.5	29.0	29.5	30.5	29.5	30.0	26.0	25.5	25.5
14	29.5	28.0	28.5	31.0	29.0	29.5	31.0	29.5	30.5	27.0	25.0	26.5
15	31.5	28.0	29.0	29.5	28.5	29.0	31.0	30.0	30.5	28.0	26.0	27.0
16	30.5	28.0	28.5	29.5	28.5	29.0	32.0	29.5	30.5	27.0	25.0	25.5
17	30.5	27.5	28.5	29.5	28.5	29.0	31.5	29.5	30.5	24.5	23.5	24.0
18	31.5	27.5	29.0	29.0	28.0	28.5	31.5	30.0	30.5	24.0	23.0	23.5
19	30.5	28.0	29.0	29.0	28.0	28.5	30.5	29.5	30.0	24.0	23.0	23.5
20	31.5	28.5	30.0	28.5	28.0	28.0	30.5	29.0	29.5	25.5	23.0	24.0
21	30.0	29.0	29.0	29.0	27.5	28.0	29.0	28.5	28.5	26.5	23.5	24.5
22	28.5	27.5	28.0	28.5	27.5	28.0	28.5	27.5	28.0	25.5	24.0	24.5
23	28.0	27.0	27.5	28.5	27.5	28.0	29.5	27.0	28.0	25.5	24.0	25.0
24	29.5	27.0	28.0	29.5	28.0	28.5	29.0	28.0	28.0	26.5	24.0	25.0
25	30.0	28.0	29.0	29.5	28.5	29.0	29.0	27.5	28.0	27.0	24.5	25.5
26	30.5	28.0	29.0	29.0	28.0	28.5	29.0	27.5	28.5	28.0	24.5	26.0
27	29.5	28.5	29.0	29.0	28.0	28.5	30.0	27.5	28.5	25.5	24.0	25.0
28	30.0	28.0	28.5	29.5	28.5	29.0	30.0	27.5	28.5	24.0	22.5	23.0
29	29.0	28.0	28.5	29.5	28.0	28.5	29.0	27.5	28.5	22.5	21.5	21.5
30	28.5	27.5	28.0	28.0	27.5	28.0	29.5	28.0	28.5	22.0	21.0	21.5
31	---	---	---	28.5	27.5	28.0	29.5	28.0	28.5	---	---	---
MONTH	31.5	22.0	28.0	31.0	27.5	28.5	32.5	27.0	29.5	30.5	21.0	25.5
YEAR	32.5	5.5	20.0									

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)
AUG							
12...	—	—	—	29	7.6	2.3	13
SEP							
09...	1350	132	25.5	28	7.4	2.3	16

DATE	SODIUM AD-SORP-TION RATIO	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
AUG						
12...	1	11	18	94	.13	96
SEP						
09...	1	7.0	16	83	.11	87

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)
OCT 26...	1415	—	—	15.5	27	—	6.9	2.4
NOV 22...	1458	105	7.1	15.5	26	0	6.6	2.4
DEC 20...	1519	135	7.0	11.0	25	0	6.3	2.3
JAN 19...	1547	148	7.1	6.0	29	0	7.2	2.6
FEB 16...	1401	135	7.1	9.5	27	3	7.3	2.1
MAR 16...	1427	117	7.0	15.0	27	3	8.0	1.8
AUG 31...	1845	123	7.0	29.5	30	0	8.3	2.3
SEP 28...	1417	129	7.0	22.5	29	0	8.0	2.3

DATE	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM AD-SORP-TION RATIO	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
OCT 26...	19	2	—	9.0	22	104	.14	106
NOV 22...	18	2	26	10	16	94	.13	89
DEC 20...	16	1	28	9.0	18	88	.12	106
JAN 19...	20	2	28	11	22	90	.12	111
FEB 16...	15	1	24	13	21	96	.13	98
MAR 16...	11	1	24	12	14	85	.12	90
AUG 31...	14	1	33	9.2	16	—	—	77
SEP 28...	15	1	30	10	18	—	—	97

02172061 BACK RIVER AT COTE BAS NEAR NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)
DEC									
20...	1404	98	7.0	11.5	19	0	4.5	1.7	12
JAN									
26...	1512	123	6.9	7.0	23	0	5.4	2.4	17
MAR									
14...	1610	122	7.0	12.5	23	5	6.1	1.9	13
MAY									
29...	1544	111	7.0	22.0	28	3	8.4	1.8	11
JUL									
31...	--	78	7.0	27.0	18	0	4.6	1.7	7.1
AUG									
29...	1519	90	7.0	27.5	19	0	5.0	1.7	8.3
SEP									
26...	1400	96	6.8	28.0	21	0	5.6	1.8	10

DATE	SODIUM AD-SORP-TION RATIO	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
DEC								
20...	1	24	11	11	--	--	78	--
JAN								
26...	2	23	14	17	--	--	96	--
MAR								
14...	1	18	12	17	--	--	72	--
MAY								
29...	.9	25	8.6	14	--	--	92	--
JUL								
31...	.7	21	8.4	7.1	--	--	30	<1
AUG								
29...	.9	23	7.2	11	--	--	66	--
SEP								
26...	1	23	8.0	9.1	70	.10	67	--

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°58'30", long 79°56'26", Berkeley County, Hydrologic Unit 03050201, on west side of Back River 0.1 mi below junction of Foster Creek.

PERIOD OF RECORD.--July 1982 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1982 to current year.

INSTRUMENTATION.--USGS mini-monitor since July 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 436 microsiemens Aug. 28, 1982; minimum, 86 microsiemens June 4, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 196 microsiemens Dec. 4; minimum, 86 microsiemens June 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	148	137	142	165	164	165	159	156	159	155	150	153
2	144	134	138	166	163	165	160	157	159	154	148	151
3	147	133	138	166	160	164	163	146	158	153	149	152
4	144	136	139	164	154	160	196	145	175	153	149	151
5	144	135	139	164	159	162	167	156	161	152	149	151
6	146	140	143	163	161	162	184	158	166	153	152	152
7	148	143	145	162	160	162	162	156	159	156	151	153
8	146	142	143	163	160	162	161	156	159	153	150	152
9	145	143	144	163	161	162	160	156	158	154	151	152
10	147	144	144	163	161	162	159	157	158	156	151	153
11	145	143	144	165	158	162	174	158	161	155	151	153
12	147	143	144	167	161	165	178	163	172	155	149	153
13	156	142	144	165	163	164	164	158	162	153	148	151
14	163	155	158	165	164	165	159	154	157	153	149	151
15	165	156	159	165	158	163	179	157	170	151	143	148
16	162	158	160	162	160	161	173	165	170	149	142	146
17	161	158	160	163	160	162	170	163	167	149	142	146
18	161	158	160	163	159	162	166	162	164	150	143	148
19	161	158	161	162	156	161	164	159	162	150	141	146
20	162	159	161	161	154	158	161	158	161	147	142	144
21	161	159	160	157	154	156	164	156	160	145	141	143
22	161	159	160	157	156	157	163	150	160	144	140	142
23	161	156	159	158	155	157	164	153	158	144	141	143
24	161	152	157	157	153	156	155	149	153	147	142	145
25	164	157	161	196	156	173	159	150	153	148	144	146
26	164	160	162	186	173	179	156	152	154	146	143	145
27	168	162	164	188	175	180	155	150	153	147	145	146
28	165	161	163	189	175	184	161	151	156	148	145	146
29	169	162	164	190	157	170	166	155	159	147	144	145
30	166	163	165	161	156	159	164	150	156	148	142	146
31	169	164	166	---	---	---	155	150	153	148	146	147
MONTH	169	133	153	190	153	164	196	145	160	156	140	148

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	148	146	147	150	148	150	144	141	143	134	124	129
2	149	146	147	150	146	149	146	135	142	131	127	129
3	150	147	149	149	146	148	144	134	141	135	125	130
4	150	147	149	149	143	147	145	135	141	134	127	131
5	150	146	148	151	141	145	144	140	142	129	122	127
6	150	147	149	148	141	144	145	139	142	137	128	132
7	149	146	148	146	141	144	144	141	142	134	124	127
8	149	147	148	144	142	143	144	141	143	132	124	127
9	148	146	148	144	140	143	150	141	144	128	120	123
10	148	145	147	146	142	144	145	142	144	125	119	122
11	148	145	146	145	142	144	142	137	141	125	121	124
12	149	146	147	145	142	144	143	131	139	128	121	125
13	153	145	148	156	144	149	141	112	133	127	122	124
14	154	147	150	158	141	147	136	119	129	129	123	126
15	148	145	147	153	142	145	135	121	129	127	122	124
16	149	141	145	144	141	143	140	129	133	128	120	124
17	145	135	141	144	141	143	135	127	130	126	120	123
18	145	131	139	144	141	143	134	129	132	127	119	123
19	140	132	137	145	138	143	136	131	133	122	116	120
20	141	133	137	143	132	139	138	130	135	123	116	120
21	140	129	136	145	137	141	136	133	135	124	119	122
22	138	125	130	141	136	138	140	135	136	131	102	112
23	135	126	132	145	138	140	141	135	138	123	102	113
24	143	132	138	143	140	142	137	122	132	111	102	106
25	147	139	142	150	140	144	131	123	127	111	101	105
26	145	141	143	146	141	143	133	126	131	105	102	104
27	151	141	145	143	141	143	137	126	133	104	101	103
28	146	142	144	145	141	143	138	125	133	105	102	104
29	150	146	149	147	142	144	132	128	130	107	101	104
30	---	---	---	144	141	143	133	126	130	106	102	104
31	---	---	---	145	140	143	---	---	---	108	102	107
MONTH	154	125	144	158	132	144	150	112	136	137	101	119

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	108	102	106	115	103	107	96	87	93	114	108	110
2	103	96	100	106	100	105	99	94	96	114	110	112
3	100	90	95	109	101	104	102	95	98	118	111	114
4	95	86	90	110	102	105	107	99	103	119	111	115
5	95	88	91	112	103	106	115	103	106	113	107	110
6	97	89	93	106	103	105	113	104	109	110	107	109
7	98	92	95	106	103	105	112	108	110	110	108	109
8	98	93	95	105	98	104	110	107	109	110	108	109
9	100	92	95	105	99	102	113	110	112	109	107	109
10	100	92	96	106	102	103	114	111	112	110	107	109
11	100	94	97	104	102	104	113	101	109	109	105	108
12	100	96	99	105	102	104	113	107	111	111	108	110
13	102	97	100	105	102	104	112	108	111	112	107	111
14	105	99	103	105	101	104	112	104	110	114	109	112
15	108	101	105	107	101	103	116	108	113	113	104	110
16	109	104	107	105	99	102	117	111	115	113	109	111
17	111	107	109	104	100	103	120	116	117	116	110	112
18	116	109	113	105	101	103	120	116	118	113	110	112
19	117	110	113	102	99	101	119	114	118	113	109	112
20	116	102	108	101	99	101	118	106	111	112	109	111
21	107	99	104	102	99	100	113	104	107	112	103	109
22	110	104	108	100	97	99	107	105	107	112	107	110
23	112	104	109	101	95	99	107	103	106	111	108	110
24	112	101	107	104	98	100	109	105	107	112	109	111
25	112	102	107	103	100	102	107	105	107	111	108	110
26	116	106	110	103	100	102	107	104	106	110	106	109
27	111	103	109	104	101	102	106	102	104	110	105	108
28	113	98	108	103	101	103	105	101	104	109	106	108
29	110	101	105	102	95	100	105	101	104	108	105	107
30	108	101	105	99	94	96	108	102	106	109	107	109
31	---	---	---	98	91	94	110	105	108	---	---	---
MONTH	117	86	103	115	91	102	120	87	108	119	103	110
YEAR	196	86	133									

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)
AUG 12...	--	--	--	38	11	2.5	15
SEP 09...	1455	260	15.0	32	8.8	2.4	17

DATE	SODIUM AD-SORP-TION RATIO	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
AUG 12...	1	7.0	13	94	.13	130
SEP 09...	1	6.0	20	97	.13	104

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)
OCT 26...	1450	—	—	17.0	34	—	9.2	2.7
NOV 22...	1523	150	6.9	15.5	34	3	8.7	2.9
DEC 20...	1537	161	7.0	—	31	—	8.0	2.7
FEB 16...	1447	156	7.0	9.5	34	3	10	2.3
MAR 16...	1455	148	7.0	14.5	31	4	9.2	1.9
AUG 31...	1908	175	7.0	15.5	31	0	8.8	2.3
SEP 28...	1435	221	6.9	16.0	33	0	9.2	2.4

DATE	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM AD-SORP-TION RATIO	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)
OCT 26...	22	2	—	10	27	120	.16	131
NOV 22...	26	2	31	11	28	127	.17	122
DEC 20...	22	2	—	10	28	—	—	--
FEB 16...	17	1	31	14	23	85	.12	113
MAR 16...	12	1	27	13	15	98	.13	94
AUG 31...	16	1	33	9.6	19	—	—	92
SEP 28...	18	1	34	10	23	—	--	109

021720615 BACK RIVER BELOW FOSTER CREEK NEAR NORTH CHARLESTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	HARD-NESS (MG/L AS CACO3)	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)
OCT									
26...	1435	258	7.1	16.0	30	0	8.2	2.4	18
DEC									
20...	1421	135	7.0	12.5	27	0	7.0	2.3	17
JAN									
26...	1528	150	6.9	6.5	25	1	6.1	2.4	18
MAR									
14...	1633	138	7.0	10.5	27	5	7.4	2.1	16
JUN									
06...	1506	100	7.0	13.5	26	2	7.3	1.8	9.4
JUL									
31...	1348	95	7.0	13.5	22	0	6.0	1.8	9.0
AUG									
29...	1537	102	7.0	14.0	23	0	6.2	1.9	11
SEP									
26...	1413	110	6.8	27.0	24	0	6.4	1.9	12

DATE	SODIUM AD-SORP-TION RATIO	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT								
26...	1	32	10	24	--	--	98	--
DEC								
20...	1	28	11	23	--	--	103	--
JAN								
26...	2	24	14	17	--	--	104	--
MAR								
14...	1	22	11	21	--	--	85	--
JUN								
06...	.8	24	6.8	11	--	--	81	--
JUL								
31...	.9	24	9.2	11	--	--	66	<1
AUG								
29...	1	26	6.2	12	--	--	59	--
SEP								
26...	1	25	6.7	15	74	.10	72	--

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

AVAILABLE

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat 33°35'21", long 81°21'57", Aiken County, Hydrologic Unit 03050204, on right downstream abutment of county road bridge, 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft (from topographic map).

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 172 ft³/s, May 29, 1984, gage height, 4.65 ft; minimum daily, 16 ft³/s Nov. 1, 3, 4, 7, 1983, Jun. 15, 16, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 172 ft³/s, May 29, 1984, gage height, 4.65 ft; minimum daily, 16 ft³/s Nov. 1, 3, 4, 7, Jun. 15, 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	16	20	25	23	27	25	26	31	34	29	23
2	21	17	20	28	24	25	25	27	25	31	32	24
3	21	16	23	32	24	25	29	32	23	26	30	24
4	20	16	33	28	22	24	42	51	22	25	27	23
5	21	17	26	26	22	28	45	33	23	25	26	25
6	20	17	47	25	23	34	33	30	21	24	26	24
7	20	16	37	24	22	34	30	63	19	25	25	24
8	23	17	34	24	23	30	28	41	19	24	24	24
9	21	17	30	23	22	27	26	32	18	24	24	23
10	20	18	27	28	23	25	27	29	18	24	23	24
11	21	18	29	28	23	24	27	28	18	24	24	24
12	22	17	34	25	23	25	26	27	18	23	24	23
13	23	18	30	23	29	30	26	26	17	26	24	23
14	22	19	27	23	42	28	26	26	17	26	23	23
15	21	26	26	22	33	26	30	25	16	25	23	23
16	20	25	25	22	25	25	30	25	16	23	26	22
17	20	22	24	22	23	24	27	24	17	22	37	23
18	19	20	24	25	24	24	27	24	19	26	27	23
19	19	19	26	30	24	25	26	24	18	28	29	22
20	20	24	25	26	24	26	33	23	18	27	36	22
21	19	23	25	25	24	31	30	23	21	26	30	21
22	20	20	29	24	25	27	29	23	26	28	25	22
23	25	20	27	24	34	25	36	24	25	27	24	22
24	30	23	26	25	32	24	31	26	23	28	33	21
25	26	29	25	28	27	54	28	27	23	26	31	21
26	25	23	25	26	25	43	27	29	23	27	28	21
27	24	21	25	30	41	35	27	26	24	26	29	22
28	23	22	27	27	40	34	28	31	26	29	28	25
29	23	21	28	26	32	37	27	56	27	35	26	24
30	23	20	26	25	---	32	25	82	31	31	24	23
31	20	---	25	24	---	27	---	43	---	29	23	---
TOTAL	674	597	855	793	778	905	876	1006	642	824	840	688
MEAN	21.7	19.9	27.6	25.6	26.8	29.2	29.2	32.5	21.4	26.6	27.1	22.9
MAX	30	29	47	32	42	54	45	82	31	35	37	25
MIN	19	16	20	22	22	24	25	23	16	22	23	21

CAL YR 1983 TOTAL 9841 MEAN 27.0 MAX 67 MIN 16
WTR YR 1984 TOTAL 9478 MEAN 25.9 MAX 82 MIN 16

02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC

LOCATION.--Lat 33°23'35", long 81°08'00", Bamberg-Orangeburg County Line, Hydrologic Unit 03050204, on left bank at downstream side of bridge on U.S. Highway 321, 360 ft downstream from Seaboard Coast Line Railroad Bridge, 1.8 mi downstream from Little River, and 4.8 mi north of Denmark, and at mile 136.6.

DRAINAGE AREA.--720 mi², approximately (measured on topographic and highway planning survey maps).

PERIOD OF RECORD.--August 1931 to September 1971, October 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 155.68 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 27, 1931, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--44 years (water years 1932-71, 1981 to current year), 788 ft³/s, 14.86 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,500 ft³/s Apr. 11, 1936, gage height, 10.91 ft, from rating curve extended above 7,100 ft³/s on basis of velocity-area studies; minimum, 146 ft³/s Aug. 12, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 11.7 ft in October 1929, on basis of information from State Highway Department (discharge 17,100 ft³/s) (by conveyance-slope study).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,050 ft³/s May 8, gage height, 7.90 ft; minimum daily, 314 ft³/s Oct. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	386	487	894	887	1040	1700	1720	954	1550	491	1330	537
2	370	448	970	828	1000	1550	1600	891	1490	525	1220	515
3	360	420	938	782	979	1440	1660	905	1630	633	1200	493
4	350	404	888	776	930	1530	1670	1570	1390	721	1140	471
5	335	398	856	793	875	1440	1950	2170	1080	735	1000	453
6	320	396	874	762	823	1380	1980	2240	860	703	872	445
7	315	397	981	728	781	1380	1830	2620	725	650	796	442
8	314	401	1080	693	750	1360	1670	3010	628	561	884	443
9	333	409	1250	665	730	1290	1480	2750	566	520	967	446
10	338	413	1440	695	723	1250	1390	2180	538	481	817	447
11	336	413	1440	787	731	1270	1320	1790	516	466	688	444
12	341	410	1590	811	734	1260	1220	1520	491	467	594	433
13	350	409	1600	809	748	1270	1120	1360	468	440	561	420
14	351	411	1460	810	883	1290	1040	1170	451	402	550	408
15	356	442	1330	796	1040	1260	1010	994	441	387	550	402
16	360	483	1170	817	1080	1200	999	874	427	379	553	385
17	363	505	1030	906	1130	1080	971	794	407	385	587	368
18	365	522	959	988	1220	1000	922	733	393	404	659	358
19	357	542	939	1050	1360	997	885	681	372	516	679	348
20	350	569	893	1070	1470	988	922	643	355	945	987	342
21	341	632	849	1020	1340	1070	1030	596	374	1210	1000	341
22	342	708	848	975	1150	1120	1080	579	435	1260	900	340
23	369	792	840	912	1050	1110	1210	574	456	1060	817	343
24	427	838	813	954	1000	1080	1250	645	452	867	767	343
25	443	889	790	1170	968	1180	1240	707	442	886	691	340
26	459	856	765	1240	957	1600	1280	718	433	917	616	338
27	469	832	732	1280	1070	1790	1250	671	418	939	607	335
28	472	876	756	1300	1480	1890	1180	699	419	828	623	331
29	476	886	863	1230	1700	2060	1110	1060	433	850	608	351
30	488	850	942	1160	---	2070	1040	1840	460	1020	570	378
31	497	---	929	1110	---	1940	---	1820	---	1260	554	---
TOTAL	11733	17038	31709	28794	29742	42845	39029	39758	19100	21908	24387	12040
MEAN	378	568	1023	929	1026	1382	1301	1283	637	707	787	401
MAX	497	889	1600	1300	1700	2070	1980	3010	1630	1260	1330	537
MIN	314	396	732	665	723	988	885	574	355	379	550	331

CAL YR 1983 TOTAL 284944 MEAN 781 MAX 2720 MIN 206
WTR YR 1984 TOTAL 318083 MEAN 869 MAX 3010 MIN 314

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC

LOCATION.--Lat 33°29'00", long 80°52'25", Orangeburg County, Hydrologic Unit 03050203, on left bank under bridge on U.S. Highway 301 at Orangeburg, 0.5 mi upstream from Seaboard Coast Line Railroad bridge, 1.5 mi downstream from Caw Caw Swamp and at mile 22.1.

DRAINAGE AREA.--683 mi^2.

REVISED RECORDS.--WSP 1032: Drainage area.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 149.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good. About 8.6 ft^3/s diverted by City of Orangeburg for municipal supply.

AVERAGE DISCHARGE.--46 years, 796 ft^3/s, 15.83 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,500 ft^3/s Sept. 18, 1945, gage height, 14.28 ft, from rating curve extended above 5,300 ft^3/s by velocity-area studies; minimum, 190 ft^3/s Sept. 13, 14, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 14.7 ft in September 1928, discharge, 10,000 ft^3/s, from rating curve extended as described above, on basis of information from Department of Public Utilities, City of Orangeburg.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,720 ft^3/s May 30, gage height 10.00 ft; minimum, 371 ft^3/s Oct. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	416	484	778	936	1030	1620	1570	977	2200	836	1540	617
2	406	461	768	892	978	1390	1420	928	1810	846	1390	593
3	398	436	766	840	952	1230	1440	962	1530	875	1340	571
4	391	423	779	807	934	1250	1440	1780	1300	966	1200	541
5	385	424	775	786	900	1250	1590	2290	1090	1030	1100	530
6	380	420	831	766	854	1190	1720	1930	924	1010	975	550
7	375	418	914	737	814	1190	1690	2920	811	874	871	542
8	372	420	1140	716	785	1210	1460	3140	733	762	771	523
9	375	424	1310	721	763	1180	1290	2450	681	673	716	507
10	384	426	1240	756	749	1120	1240	1980	643	593	694	505
11	388	431	1200	822	735	1070	1230	1550	608	541	668	511
12	393	429	1490	905	723	1080	1170	1300	572	525	678	505
13	397	429	1700	930	739	1200	1070	1160	546	524	666	482
14	399	437	1670	915	925	1240	993	1060	539	517	633	467
15	402	513	1420	892	1130	1220	950	946	555	511	602	457
16	401	551	1200	880	1240	1150	926	850	538	501	601	444
17	399	582	1050	887	1160	1060	911	783	514	499	623	429
18	397	594	951	931	1080	990	892	729	493	566	638	416
19	395	611	904	1030	1080	963	866	701	471	945	741	412
20	389	648	868	1050	1160	965	910	679	451	1140	1290	404
21	386	702	835	1050	1120	979	1050	650	447	1220	1600	393
22	386	741	842	997	1010	995	1150	622	498	1230	1280	395
23	431	760	842	936	951	1010	1230	640	598	1170	1120	394
24	433	764	852	923	922	997	1280	770	642	1110	1100	392
25	497	799	825	1030	896	1160	1270	967	650	1080	971	393
26	483	798	786	1160	868	1440	1230	1090	644	1020	871	391
27	484	821	756	1290	988	1920	1170	960	589	1000	813	388
28	482	832	772	1310	1340	1930	1130	874	535	935	795	388
29	487	837	867	1260	1620	1810	1090	1220	512	1110	747	402
30	495	814	938	1180	---	1800	1040	3030	649	1600	692	420
31	498	---	962	1100	---	1800	---	3050	---	1820	650	---
TOTAL	12954	17429	31031	29435	28446	39409	36418	42988	22773	28029	28376	13967
MEAN	418	581	1001	950	981	1271	1214	1387	759	904	915	466
MAX	498	837	1700	1310	1620	1930	1720	3140	2200	1820	1600	617
MIN	372	418	756	716	723	963	866	622	447	499	601	388

CAL YR 1983 TOTAL 286017 MEAN 784 MAX 2540 MIN 340
WTR YR 1984 TOTAL 331255 MEAN 905 MAX 3140 MIN 372

02174000 EDISTO RIVER NEAR BRANCHVILLE, SC

LOCATION.--Lat 33°10'35", long 80°45'05", Bamberg County, Hydrologic Unit 03050205, on right bank 400 ft downstream from bridge on U.S. Highway 21, 4.7 mi downstream from Brier Branch, 5.2 mi south of Branchville, and at mile 100.0.

DRAINAGE AREA.--1,720 mi², approximately.

PERIOD OF RECORD.--October 1945 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 80.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to May 19, 1949, at datum 1.00 ft higher.

REMARKS.--Records good.

AVERAGE DISCHARGE.--39 years, 2,026 ft³/s, 16.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,600 ft³/s Sept. 3, 1964, gage height, 11.44 ft; minimum, 323 ft³/s Aug. 14, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 13.5 ft, present datum, in September 1928, on basis of information from State Highway Department, discharge, 25,700 ft³/s, by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,770 ft³/s, May 9, gage height, 10.02 ft; minimum daily, 774 ft³/s Oct. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1000	972	1750	2160	3310	3710	5020	3110	4580	1210	3970	1660
2	974	987	1770	2250	3100	3960	4840	2960	5200	1230	4100	1540
3	912	990	1780	2280	2930	4070	4560	2820	5050	1280	4200	1420
4	861	969	1770	2240	2780	4000	4240	3010	4590	1380	4140	1330
5	835	929	1780	2150	2660	3790	4270	3390	4150	1460	3890	1270
6	818	889	1840	2040	2550	3730	4600	4010	3830	1570	3570	1260
7	801	867	1870	1940	2450	3890	4860	5450	3420	1730	3230	1200
8	793	859	1870	1870	2330	3900	4910	6950	2960	1870	2910	1150
9	774	857	1870	1820	2200	3770	4730	8430	2560	1900	2610	1120
10	775	860	1910	1780	2080	3610	4700	8630	2190	1780	2310	1090
11	779	863	2080	1760	1980	3470	4420	7910	1870	1580	2080	1080
12	791	864	2500	1760	1900	3300	4090	6770	1630	1360	2020	1090
13	798	866	2840	1820	1870	3220	3840	5610	1460	1190	1980	1090
14	805	861	3070	1920	2040	3380	3600	4660	1350	1140	1820	1070
15	809	874	3260	2020	2230	3600	3370	3990	1260	1120	1660	1040
16	807	918	3370	2080	2410	3690	3190	3540	1200	1070	1550	1010
17	804	967	3320	2080	2620	3590	2990	3160	1160	1030	1510	977
18	805	1010	3140	2080	2800	3420	2800	2820	1120	1010	1470	951
19	809	1040	2900	2190	2890	3240	2660	2530	1080	1030	1510	932
20	809	1080	2650	2360	2860	3040	2600	2270	1050	1120	1570	921
21	803	1120	2440	2570	2830	2990	2580	2050	1020	1310	1640	910
22	796	1170	2320	2680	2900	2800	2570	1860	1020	1700	1840	897
23	794	1220	2240	2670	3050	2770	2920	1740	1050	2380	2560	885
24	814	1310	2180	2620	3060	2790	3390	1660	1120	2840	3030	879
25	861	1420	2130	2610	2930	2910	3600	1610	1160	2890	3000	877
26	910	1500	2050	2600	2750	3310	3610	1640	1180	2790	2860	873
27	939	1600	1980	2770	2730	3620	3480	1750	1180	2770	2690	873
28	945	1690	1900	3170	3070	3970	3390	1950	1180	2850	2400	869
29	951	1740	1910	3500	3390	4520	3340	2200	1150	3150	2120	892
30	956	1750	1980	3620	---	4980	3280	2640	1140	3550	1900	883
31	961	---	2060	3520	---	5070	---	3340	---	3760	1760	---
TOTAL	26279	33042	70530	72930	76700	112010	112450	114460	62910	57050	77900	32049
MEAN	848	1101	2275	2353	2645	3613	3748	3692	2097	1840	2513	1068
MAX	1000	1750	3370	3620	3390	5070	5020	8630	5200	3760	4200	1660
MIN	774	857	1750	1760	1870	2770	2570	1610	1020	1010	1470	869

CAL YR 1983	TOTAL	738444	MEAN	2023	MAX	6010	MIN	674
WTR YR 1984	TOTAL	848310	MEAN	2318	MAX	8630	MIN	774

02175000 EDISTO RIVER NEAR GIVHANS, SC
(National stream-quality accounting network station)
(Pesticide program station)

LOCATION.--Lat 33°01'40", long 80°23'30", Dorchester County, Hydrologic Unit 03050205, on left bank at downstream side of bridge on State Highway 61, 2.3 mi downstream from Four Hole Swamp, 2.8 mi west of Givhans, and at mile 59.9.

DRAINAGE AREA.--2,730 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1939 to current year.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1303: 1939 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 20.46 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. About 112 ft³/s a day diverted above station for Charleston water supply during year.

AVERAGE DISCHARGE.--45 years, 2,678 ft³/s. 13.32 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,500 ft³/s June 14, 1973, gage height, 15.84 ft; minimum, 290 ft³/s Aug. 16, 1956, gage height, 0.51 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1904, 17.5 ft in February 1925, from investigation by Charleston Commissioners of Public Works, discharge, 24,900 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 14,300 ft³/s, May 12, gage height, 13.92 ft; minimum daily, 658 ft³/s, Oct. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	893	808	1460	2850	4840	5930	6450	5210	2790	1290	5450	2090
2	870	815	1520	2820	4970	6130	6720	4920	3110	1230	5780	1900
3	858	825	1570	2790	5040	6230	6910	4640	3720	1200	5870	1770
4	829	837	1620	2790	4980	6350	6950	4530	4480	1160	5960	1650
5	784	843	1650	2790	4820	6470	6970	4750	5000	1170	6290	1540
6	743	829	1680	2800	4560	6710	6860	5260	5380	1200	6460	1400
7	716	801	1710	2820	4240	6910	6530	5990	5550	1250	6260	1270
8	694	775	1730	2820	3950	7000	6240	6750	5280	1330	5720	1190
9	676	756	1760	2820	3670	7110	6110	7710	4790	1440	5060	1110
10	667	744	1790	2820	3410	7130	6370	9200	4170	1530	4470	1100
11	659	739	1820	2790	3200	6880	6660	10800	3560	1610	3970	1080
12	658	735	1890	2760	3010	6440	6780	13900	2970	1600	3550	1040
13	672	733	1990	2730	2870	6060	6830	14100	2490	1470	3140	1010
14	686	734	2100	2690	3230	5700	6700	12700	2100	1220	2770	993
15	680	744	2300	2680	3700	5370	6340	10800	1790	1050	2460	968
16	679	781	2530	2680	4060	5110	5900	8940	1540	1010	2230	953
17	682	825	2660	2690	4210	4950	5390	7360	1360	961	2040	965
18	680	843	2830	2700	4320	4900	4970	6050	1220	921	1870	912
19	678	853	3020	2760	4390	4830	4570	5040	1130	1030	1760	857
20	678	877	3180	2860	4520	4710	4220	4300	1070	1250	1710	819
21	683	913	3290	2980	4700	4780	4000	3700	1070	1290	1670	791
22	682	940	3360	3050	4800	4930	3850	3190	1100	1390	1620	771
23	679	971	3400	3120	4790	4980	4020	2810	1200	1500	1610	753
24	685	1010	3410	3240	4670	4820	4600	2560	1260	1560	1670	763
25	680	1070	3370	3390	4540	4700	5050	2430	1240	1730	1880	733
26	694	1120	3300	3510	4420	4780	5290	2330	1250	2020	2190	726
27	729	1170	3210	3620	4370	4990	5570	2200	1210	2330	2480	723
28	763	1240	3100	3800	4730	5260	5750	2150	1150	2570	2590	723
29	782	1310	3000	4080	5420	5650	5730	2260	1160	2920	2580	759
30	791	1390	2940	4370	---	5970	5510	2420	1270	3700	2480	776
31	801	---	2890	4640	---	6220	---	2570	---	4720	2300	---
TOTAL	22450	27031	76080	95250	124430	178000	173840	181570	75410	50632	105890	32135
MEAN	724	901	2454	3073	4291	5742	5795	5857	2514	1633	3416	1071
MAX	893	1390	3410	4640	5420	7130	6970	14100	5550	4720	6460	2090
MIN	658	733	1460	2680	2870	4700	3850	2150	1070	921	1610	723

CAL YR 1983	TOTAL	1098465	MEAN	3009	MAX	13900	MIN	604
WTR YR 1984	TOTAL	1142718	MEAN	3122	MAX	14100	MIN	658

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1967 to July 1973, October 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
OCT 19...	1520	699	--	--	--	--	--	--	--	--	--	--
NOV 17...	1400	790	67	6.2	13.0	2.0	763	9.4	89	170	220	12
JAN 20...	1245	2860	85	5.8	7.0	3.4	770	10.1	82	480	950	19
MAR 28...	1200	5100	68	6.0	18.0	2.5	744	6.4	69	100	220	18
MAY 23...	1245	2810	67	5.6	23.5	3.6	764	5.0	59	K25	320	17
JUL 17...	2000	1060	82	[illegible].6	29.5	3.0	761	6.0	79	--	160	13
SEP 19...	1140	818	66	6.3	24.0	1.8	766	7.5	89	K10	190	12

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV 17...	2	3.5	.69	7.9	57	1	1.0	10	8.0	11	.10	6.2
JAN 20...	9	5.8	1.0	7.8	46	.8	1.0	10	14	9.8	<.10	6.1
MAR 28...	4	5.8	.95	5.7	38	.6	1.3	14	6.2	7.9	<.10	1.7
MAY 23...	4	5.2	.99	6.8	44	.7	1.3	13	8.3	7.5	.20	5.1
JUL 17...	0	4.0	.80	11	62	1	1.2	14	14	7.6	<.10	6.4
SEP 19...	0	3.6	.72	8.4	58	1	1.0	13	9.5	6.6	<.10	6.3

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV 17...	58	45	.08	124	.10	<.010	--	.30	.070	.21	.090	.020
JAN 20...	67	52	.09	517	<.10	.010	.01	.70	.050	.15	.040	<.010
MAR 28...	61	38	.08	840	<.10	<.010	--	.80	.040	.12	.040	<.010
MAY 23...	69	45	.09	524	.29	.360	.46	3.4	.100	--	.070	.060
JUL 17...	70	54	.10	200	.18	<.010	--	1.3	.100	--	.080	.060
SEP 19...	55	44	.07	121	.22	.040	.05	.70	.080	--	.080	.060

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV 17...	.06	60	1	56	<.5	<1	10	<3	5	240	7	<4
JAN 20...	--	170	1	66	<.5	<1	<1	<3	3	180	2	6
MAY 23...	.18	120	1	24	<.0	<1	<1	<3	1	660	1	<4
JUL 17...	.18	40	1	17	<.0	<1	<1	<3	1	490	<1	<4
SEP 19...	.18	--	--	--	--	--	--	--	--	--	--	--

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 17...	9	.4	<10	2	<1	<1	13	<6	25	1	2.1	70
JAN 20...	10	.2	<10	2	<1	<1	20	<6	27	3	23	56
MAR 28...	--	--	--	--	--	--	--	--	--	4	55	76
MAY 23...	33	.3	<10	1	<1	<1	20	<6	6	3	23	3
JUL 17...	23	.4	<10	2	<1	<1	19	<6	6	9	26	63
SEP 19...	--	--	--	--	--	--	--	--	--	4	9.8	66

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC

LOCATION.--Lat 32°59'20", long 81°03'10", Hampton County, Hydrologic Unit 03050207, on right bank 90 ft downstream from bridge on U.S. Highway 601, 2.4 mi downstream from Savannah Creek, 3.1 mi upstream from Hampton and Branchville Railroad bridge, 3.1 mi northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 mi².

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 64.35 ft above National Geodetic Vertical Datum of 1929. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--33 years, 349 ft³/s, 13.90 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,300 ft³/s Mar. 13, 1980, gage height, 5.44 ft; minimum, [illegible] ft³/s Sept. 13, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,200 ft³/s May 9, gage height, 4.90 ft; minimum daily, 72 ft³/s Oct. 7, 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	91	125	413	398	562	684	804	552	1050	274	731	242
2	87	118	387	426	506	738	682	641	903	303	754	213
3	84	114	360	421	446	692	615	717	825	327	704	195
4	78	114	341	408	392	643	617	976	676	392	590	177
5	75	136	312	386	346	580	646	1230	532	361	508	174
6	73	136	321	351	316	622	660	933	426	274	425	170
7	72	133	355	314	294	658	714	1160	339	222	386	164
8	72	145	375	287	278	635	732	1610	276	217	300	158
9	75	149	372	269	271	614	694	2100	238	198	223	154
10	79	149	372	275	264	610	798	2000	209	204	135	156
11	85	145	400	297	257	564	742	1630	190	168	162	160
12	98	142	512	316	251	505	624	1290	175	144	157	154
13	110	142	508	336	264	495	526	966	165	128	222	148
14	114	143	453	356	316	537	474	746	164	116	302	144
15	112	152	421	359	341	562	429	599	159	129	327	138
16	113	167	394	369	351	565	394	489	150	134	384	158
17	112	171	372	373	383	555	364	416	140	117	481	142
18	109	178	357	373	406	503	351	365	132	117	435	130
19	105	189	347	439	425	461	396	323	123	176	347	127
20	102	217	323	453	402	418	449	293	114	171	750	124
21	100	260	303	435	355	392	474	268	111	173	476	123
22	100	275	313	436	315	367	520	249	379	234	319	122
23	110	278	312	432	302	356	933	264	394	303	292	122
24	126	301	306	436	301	379	1310	345	303	367	367	124
25	132	406	307	461	301	460	1150	256	266	336	490	124
26	133	400	311	445	300	522	974	243	353	271	545	122
27	139	396	307	506	402	515	856	291	361	355	517	117
28	149	397	314	584	636	595	767	362	338	251	450	117
29	155	433	373	615	755	916	649	517	286	287	430	161
30	147	429	414	636	---	1010	573	1000	296	559	377	160
31	136	---	391	623	---	889	---	924	---	744	300	---
TOTAL	3273	6540	11346	12815	10738	18042	19917	23755	10073	8052	12886	4525
MEAN	106	218	366	413	370	582	664	766	336	260	416	151
MAX	155	433	512	636	755	1010	1310	2100	1050	744	754	242
MIN	72	114	303	269	251	356	351	243	111	116	157	117

CAL YR 1983	TOTAL	116263	MEAN	319	MAX	1100	MIN	40
WTR YR 1984	TOTAL	141962	MEAN	388	MAX	2100	MIN	72

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC
(National stream-quality accounting network station)

LOCATION.--Lat 32°50'10", long 81°07'55", Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 50.30 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--Records fair, except those below 10 ft³/s which are poor.

AVERAGE DISCHARGE.--33 years, 187 ft³/s, 12.51 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,160 ft³/s Sept. 2, 1969, gage height, 8.39 ft, from floodmarks; no flow for some days in 1951, 1954, 1956, 1957, 1968, 1969, 1980, 1981, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,190 ft³/s July 31, gage height, 4.84 ft; minimum daily, 0.42 ft³/s, Oct. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	2.4	67	232	341	873	359	231	522	768	931	20
2	1.5	2.3	54	177	290	642	300	302	334	553	709	15
3	.96	2.3	55	148	257	495	277	318	215	366	661	12
4	.55	2.3	58	134	237	410	319	590	141	241	608	10
5	.53	2.5	89	127	223	362	395	1000	99	168	419	9.4
6	.68	2.7	116	122	207	534	470	878	69	126	285	8.6
7	.57	3.2	126	116	185	909	509	655	49	109	200	9.8
8	.42	4.7	119	110	169	940	421	483	37	91	152	8.9
9	.58	5.1	105	104	158	766	357	494	29	74	120	7.0
10	1.0	5.7	87	121	153	606	605	517	22	55	98	9.9
11	.85	5.8	121	158	150	489	722	407	16	40	79	8.3
12	1.1	5.8	162	182	146	414	599	309	13	31	73	7.4
13	1.2	6.0	191	167	158	410	469	231	14	25	67	6.0
14	1.4	6.2	168	146	239	466	377	176	29	20	57	4.4
15	1.5	7.3	145	131	322	492	304	137	45	17	46	5.4
16	1.5	8.2	131	131	328	480	250	107	33	19	35	18
17	1.4	7.4	116	134	293	412	209	84	20	15	35	33
18	1.3	8.1	120	147	242	356	178	66	13	22	33	26
19	1.1	9.2	132	232	204	318	155	52	9.4	57	40	16
20	1.0	16	136	342	181	290	148	40	7.4	97	74	11
21	1.0	18	141	346	166	285	176	33	19	152	90	8.4
22	1.0	14	156	293	158	285	204	26	464	266	83	6.7
23	1.4	15	171	231	199	290	426	22	742	188	67	5.2
24	1.7	24	163	215	243	263	924	25	579	141	126	4.7
25	2.2	67	141	291	238	289	832	41	297	108	119	4.0
26	3.4	84	135	371	204	452	596	34	238	84	85	3.9
27	3.5	102	102	504	356	526	430	39	216	242	59	3.6
28	3.2	108	118	695	990	492	337	66	220	365	44	4.0
29	2.9	93	194	678	1050	499	286	264	338	454	40	29
30	2.7	79	273	554	---	479	251	728	719	1020	39	47
31	2.4	---	286	424	---	429	---	748	---	1140	30	---
TOTAL	46.24	717.2	4178	7763	8087	14953	11885	9103	5548.8	7054	5504	363.1
MEAN	1.49	23.9	135	250	279	482	396	294	185	228	178	12.1
MAX	3.5	108	286	695	1050	940	924	1000	742	1140	931	47
MIN	.42	2.3	54	104	146	263	148	22	7.4	15	30	3.6

WTR YR 1984 TOTAL 75202.34 MEAN 205 MAX 1140 MIN .42

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1972 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
OCT 19...	1205	1.0	--	--	--	--	--	--	--	--	--	--
NOV 18...	1530	8.8	135	6.5	8.5	1.1	765	8.1	69	130	880	52
FEB 25...	1400	240	84	6.3	14.0	2.5	758	8.1	79	240	370	28
MAY 24...	1515	21	87	6.1	24.5	6.0	765	3.8	45	>1200	>2000	27
AUG 14...	1830	58	71	6.5	26.5	2.0	764	5.7	71	720	1000	23

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV 18...	4	16	2.9	7.3	22	.5	2.9	48	10	11	.20	14
FEB 25...	7	8.4	1.8	5.5	29	.5	1.2	21	3.4	10	<.10	6.0
MAY 24...	8	7.5	1.9	4.6	26	.4	1.7	19	3.2	9.0	<.10	8.2
AUG 14...	8	6.5	1.7	4.1	26	.4	1.6	15	9.5	9.3	<.10	7.8

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
NOV 18...	104	94	.14	2.5	<.10	.060	.08	1.4	.060	.18	.050	.040
FEB 25...	60	50	.08	39	<.10	.020	.03	.40	.010	.03	.050	.040
MAY 24...	84	49	.11	4.8	.26	.310	.40	.90	.180	--	.100	.090
AUG 14...	82	51	.11	13	.11	.070	.09	.70	.150	--	.120	.110

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV 18...	.12	30	<1	56	<.5	<1	<1	<3	<1	140	3	7
FEB 25...	.12	140	1	57	<.5	1	<1	<3	<1	340	2	<4
MAY 24...	.28	70	1	38	<.0	<1	<1	<3	<1	660	1	<4
AUG 14...	.34	140	1	26	<.0	<1	1	<3	1	660	1	<4

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 18...	35	.3	<10	1	<1	<1	53	<6	8	1	.02	38
FEB 25...	24	.3	<10	2	<1	<1	30	<6	25	6	3.9	98
MAY 24...	240	.7	<10	1	<1	<1	32	<6	6	29	1.6	30
AUG 14...	70	.5	<10	1	<1	2	29	<6	<3	6	.93	67

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02176830 GREAT SWAMP CANAL NO. 2 NEAR RIDGELAND,SC

LOCATION.--Lat 32°31'38", long 81°02'29", Jasper County, Hydrologic Unit 03050208 at bridge on South Carolina Secondary Highway 115, 4.4 mi northwest of Ridgeland.

PERIOD OF RECORD.--October 1977 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)
JAN											
21...	1000	4.6	97	5.3	7.0	--	--	10.1	5.0	--	--
MAR											
29...	1700	7.5	51	3.9	15.5	150	6.5	6.9	.5	220	54
APR											
25...	1430	4.9	52	5.0	18.5	140	13	4.8	.5	12	3.0
JUL											
25...	1400	11	36	4.5	25.0	130	3.2	5.2	2.5	8	2.0

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)
JAN										
21...	--	--	--	--	<.010	--	.58	.010	<.010	--
MAR										
29...	20	61	.08	1.2	.020	.07	<.10	.040	.020	.06
APR										
25...	1.2	74	.10	.98	.020	.07	<.10	.050	.020	.06
JUL										
25...	.80	74	.10	2.2	--	--	--	--	--	--

NOTE: ">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02176845 GREAT SWAMP CANAL NO.1 NEAR RIDGELAND, SC

LOCATION.--Lat 32°31'11", long 81°02'28", Jasper County, hydrologic unit 03050208, at bridge on South Carolina Secondary Highway 115, 5.4 mi northwest of Ridgeland.

PERIOD OF RECORD.--October 1977 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	HARD-NESS (MG/L AS CACO3)
JAN										
21...	1230	16	85	4.0	6.5	140	6.1	10.4	3.0	15
MAR										
29...	1500	50	60	3.2	16.5	230	7.0	7.8	1.5	220
APR										
25...	1600	26	53	3.9	21.5	210	2.8	6.8	.5	9
JUL										
24...	1700	46	44	3.8	27.5	210	4.5	5.4	2.0	8

DATE	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
JAN										
21...	4.1	1.1	103	.14	4.4	<.010	—	<.10	<.010	<.010
MAR										
29...	55	21	77	.10	10	<.010	—	<.10	<.010	<.010
APR										
25...	2.2	.80	94	.13	6.6	.020	.07	<.10	<.010	<.010
JUL										
24...	2.2	.70	105	.14	13	.010	.03	<.10	<.010	<.010

NOTE: ">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02176875 GREAT SWAMP NEAR RIDGELAND, SC

LOCATION.--Lat 32°29'45", long 81°01'97", Jasper County, Hydrologic Unit 03050208, at upstream side of bridge on State road 39 and 2.4 mi northwest of Ridgeland.

DRAINAGE AREA.--48.8 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 35 ft (from topographic map).

REMARKS.--Records fair, except those above 400 ft³/s, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height 6.60 ft Mar. 7, 1984; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, gage height 6.60 ft Mar. 7; no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	53	102	236	56	23	78	47	116	.93
2	.00	.00	.00	46	81	155	48	17	54	85	104	.30
3	.00	.00	.00	41	68	117	44	31	38	82	113	.44
4	.00	.00	.02	36	62	92	54	314	24	55	79	.36
5	.00	.00	.48	33	57	77	245	274	12	38	56	.33
6	.00	.00	.64	31	51	241	212	158	6.1	26	41	.32
7	.00	.00	.63	28	45	1950	137	108	3.9	24	28	.34
8	.00	.00	.75	24	39	1100	97	77	2.3	15	17	.36
9	.00	.00	.76	21	35	469	79	69	2.1	6.9	9.2	.33
10	.00	.00	.66	28	33	235	117	61	1.6	3.2	5.9	.32
11	.00	.00	.73	39	32	155	142	47	1.3	2.0	5.7	.36
12	.00	.00	8.7	39	30	116	120	36	1.1	2.6	36	.29
13	.00	.00	10	35	36	102	91	28	.92	3.8	33	.26
14	.00	.00	3.7	34	62	102	73	20	.87	3.2	23	.22
15	.00	.00	3.4	32	73	84	60	13	.77	4.5	12	.33
16	.00	.00	3.0	31	63	72	50	8.4	.70	2.8	6.8	.94
17	.00	.00	2.4	33	57	62	42	6.1	.55	2.1	4.9	1.4
18	.00	.00	2.6	34	51	55	34	5.1	.45	15	3.9	1.1
19	.00	.00	6.6	49	47	49	28	4.5	.34	47	3.4	.69
20	.00	.00	8.3	57	42	46	24	4.0	.14	62	3.5	.63
21	.00	.00	8.0	50	38	54	22	3.7	.08	65	3.7	.52
22	.00	.00	14	44	36	53	21	3.5	.83	121	4.1	.41
23	.00	.00	14	39	46	46	61	3.4	.66	144	3.6	.31
24	.00	.00	12	48	53	40	103	4.8	.43	115	3.0	.20
25	.00	.00	8.7	139	49	58	81	4.3	.25	96	2.5	.15
26	.00	.00	7.2	150	44	85	63	3.6	.09	87	2.1	.04
27	.00	.00	5.9	366	80	77	49	3.0	.03	70	1.9	.01
28	.00	.00	13	507	617	84	41	13	4.2	71	1.6	.28
29	.00	.00	57	298	391	111	34	56	23	65	1.5	28
30	.00	.00	88	188	---	98	29	100	47	96	1.3	32
31	.00	---	67	134	---	69	---	111	---	124	1.1	---
TOTAL	.00	.00	348.17	2687	2420	6280	2257	1610.4	306.21	1581.1	727.7	72.67
MEAN	.00	.00	11.2	86.7	83.4	203	75.2	51.9	10.2	51.0	23.5	2.42
MAX	.00	.00	88	507	617	1950	245	314	78	144	116	32
MIN	.00	.00	.00	21	30	40	21	3.0	.03	2.0	1.1	.01

CAL YR 1983 TOTAL 13831.36 MEAN 37.9 MAX 602 MIN .00
WTR YR 1984 TOTAL 18290.25 MEAN 50.0 MAX 1950 MIN .00

02176875 GREAT SWAMP NEAR RIDGELAND, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1977 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE, AIR (DEG C)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)
DEC 21...	1300	7.6	110	5.2	4.5	8.0	150	60	9.2	1.5	26	6.1
JAN 21...	1300	50	85	4.2	--	7.0	95	13	9.5	2.5	17	3.9
FEB 26...	1245	45	68	4.6	--	11.0	--	--	8.8	1.0	--	--
MAR 29...	1200	117	53	4.2	--	16.5	190	12	6.1	2.5	230	55
APR 25...	1300	84	48	4.3	--	18.0	260	4.5	5.8	4.5	8	1.9
MAY 24...	1130	5.6	85	4.1	--	22.5	160	23	4.0	4.0	17	4.0
JUL 25...	1200	97	42	4.3	--	25.0	170	5.5	5.1	3.0	9	2.0
AUG 15...	1145	14	58	5.0	--	26.0	130	20	5.9	2.0	12	3.0
SEP 20...	1045	.65	118	6.1	--	20.0	55	4.2	4.1	3.5	29	7.7

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)
DEC 21...	2.6	92	.13	1.9	--	<.010	--	.23	.020	<.010	--
JAN 21...	1.8	88	.12	12	--	<.010	--	.14	<.010	<.010	--
FEB 26...	--	--	--	--	--	<.010	--	<.10	.010	.020	.06
MAR 29...	22	34	.05	11	--	<.010	--	<.10	<.010	<.010	--
APR 25...	.80	80	.11	18	--	.020	.07	<.10	.010	<.010	--
MAY 24...	1.6	113	.15	1.7	.13	.010	.03	.14	.050	.030	.09
JUL 25...	.90	94	.13	25	--	.010	.03	<.10	.020	<.010	--
AUG 15...	1.2	82	.11	3.1	--	<.010	--	<.10	.030	.020	.06
SEP 20...	2.4	101	.14	.18	--	.010	.03	<.10	.290	.010	.03

NOTE: ">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.--Lat 34°48'50", long 83°18'22", Oconee County, SC-Rabon County, GA, Hydrologic Unit 03060102, on left bank 150 ft downstream from bridge on U.S. Highway 76, 2.3 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from War Woman Creek, and 9 mi upstream from Tallulah River. Water-quality sampling site at gaging station. See Water Resources Data for Georgia.

DRAINAGE AREA.--207 mi².

PERIOD OF RECORD.--May 1907 to June 1908, October 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1383: 1940-41, drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above National Geodetic Vertical Datum of 1929. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--45 years (water years 1940-84), 664 ft³/s, 43.56 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,000 ft³/s Aug. 30, 1940, gage height, 13.8 ft, from rating curve extended above 4,700 ft³/s on basis of slope-area measurements at gage heights 9.9 and 13.2 ft; minimum, 88 ft³/s (2.49 m³/s) Oct. 8, 12, 13, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharge base of 3,400 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Dec. 4	0730	4,120	4.40	Feb. 13	1745	*4,810	*4.79
Dec. 12	0100	3,430	3.99	Apr. 4	1915	3,420	3.98

Minimum, 190 ft³/s Oct. 9-11, gage height, 1.06 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	222	246	712	805	676	1020	904	1080	685	535	1390	547
2	218	239	619	754	655	959	849	966	663	531	1170	507
3	213	232	967	721	655	907	900	1980	635	516	906	484
4	203	231	2880	689	661	863	1840	2090	615	477	752	465
5	232	228	1430	670	625	902	1910	1490	599	525	714	449
6	238	218	2030	645	603	946	1370	1310	584	702	797	432
7	210	214	1600	621	574	874	1160	1410	571	610	665	418
8	195	214	1200	594	571	813	1060	1810	562	517	590	404
9	192	207	1000	580	566	778	1370	1520	547	470	561	393
10	190	219	893	749	586	756	1550	1320	534	443	582	392
11	191	233	1250	967	740	740	1280	1200	532	421	582	380
12	320	210	2260	733	642	716	1140	1130	559	409	646	373
13	397	201	1370	673	2390	802	1070	1070	553	431	672	361
14	741	198	1150	646	3090	750	1010	1020	600	537	749	353
15	425	470	1020	620	1690	706	1000	967	589	502	613	343
16	343	497	917	606	1340	696	947	928	614	497	684	327
17	305	342	846	588	1160	680	916	894	530	465	791	322
18	283	301	787	769	1050	674	883	868	538	883	641	321
19	270	282	749	884	983	664	858	845	488	611	582	322
20	260	362	707	725	939	754	911	816	483	559	545	318
21	256	526	685	667	886	1650	943	794	587	550	629	309
22	248	396	896	622	849	1040	995	836	653	499	655	300
23	811	364	796	613	986	888	1380	856	563	482	562	293
24	755	1150	713	1500	924	817	1060	765	557	440	510	293
25	460	1010	669	1410	863	817	953	732	572	509	489	292
26	365	680	619	1040	808	760	890	759	483	574	545	282
27	315	554	657	916	1280	754	997	806	456	630	577	268
28	289	1850	1550	836	1450	1390	1000	976	648	577	504	271
29	272	1320	1390	782	1180	1430	940	922	692	766	824	277
30	259	882	1000	737	---	1100	999	777	604	1150	852	294
31	247	---	864	700	---	973	---	718	---	1130	632	---
TOTAL	10425	14076	34226	23862	29427	27619	33085	33655	17296	17948	21411	10790
MEAN	336	469	1104	770	1015	891	1103	1086	577	579	691	360
MAX	397	1850	2880	1500	3090	1650	1910	2090	692	1150	1390	547
MIN	190	198	619	580	566	664	849	718	456	409	489	268
CFSM	1.62	2.27	5.33	3.72	4.90	4.30	5.33	5.25	2.79	2.80	3.34	1.74
IN.	1.87	2.53	6.15	4.29	5.29	4.96	5.95	6.05	3.11	3.23	3.85	1.94

WTR YR 1984 TOTAL 273820 MEAN 748 MAX 3090 MIN 190 CFSM 3.61 IN 49.21

02185200 LITTLE RIVER NEAR WALHALLA, SC

LOCATION.--Lat 34°50'11", long 82°58'48", Oconee County, Hydrologic Unit 03060101, at downstream side of bridge on State Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla.

DRAINAGE AREA.--72.0 mi².

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 807.63 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except those for periods of missing record Oct. 12 to Dec. 15 and Mar. 1 to Aug. 3, which are poor.

AVERAGE DISCHARGE.--17 years, 189 ft³/s, 35.65 in/yr.

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 14,400 ft³/s June 4, 1967, gage height, 12.29 ft; minimum, 15 ft³/s July 11-20, Oct. 3-8, 1970.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, probably occurred during period Dec. 4-12, gage height unknown; no peak above base of 1,500 ft³/s; minimum daily, 43 ft³/s, Oct. 9, 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	81	204	170	150	320	246	343	180	204	451	137
2	55	79	194	157	125	300	233	330	175	192	428	130
3	53	78	391	146	124	284	253	1060	170	182	329	125
4	50	78	1070	140	127	272	705	789	160	168	191	122
5	49	76	446	137	121	315	552	521	155	186	231	120
6	49	72	668	133	118	260	393	518	150	230	193	116
7	46	71	485	129	113	210	337	583	145	200	164	112
8	44	71	375	124	111	200	310	827	145	173	153	110
9	43	71	318	123	110	190	463	585	140	158	161	108
10	43	85	400	243	112	180	513	496	140	151	154	108
11	45	81	1050	305	119	175	409	449	135	145	144	106
12	184	71	717	248	114	226	364	416	150	147	239	104
13	242	69	442	220	621	268	330	390	230	178	267	100
14	192	69	380	209	776	235	300	369	212	181	212	98
15	120	178	336	200	361	220	280	346	193	199	169	95
16	101	130	227	195	273	215	260	331	199	220	157	91
17	91	107	216	188	247	206	245	318	183	204	158	88
18	85	95	214	253	222	204	230	307	174	480	193	88
19	81	92	207	291	207	196	225	301	161	252	204	89
20	79	147	163	234	192	249	220	289	183	219	349	87
21	79	158	153	215	178	428	305	281	238	209	204	87
22	79	124	203	200	169	284	391	284	453	192	177	84
23	310	113	192	192	203	223	501	284	258	179	163	82
24	215	496	180	484	186	211	368	262	220	183	152	82
25	138	369	178	347	176	216	334	253	204	207	153	74
26	113	230	178	265	169	204	311	256	174	194	152	68
27	99	186	178	212	466	203	331	267	163	214	163	66
28	94	649	504	191	673	485	323	307	200	232	147	68
29	88	389	303	177	673	412	305	280	240	282	174	72
30	85	270	215	161	---	308	340	225	233	444	172	79
31	82	---	186	155	---	271	---	190	---	393	147	---
TOTAL	3089	4785	10973	6444	7236	7970	10377	12457	5763	6788	6351	2895
MEAN	99.6	160	354	208	250	257	346	402	192	219	205	96.5
MAX	310	649	1070	484	776	485	705	1060	453	480	451	137
MIN	43	69	153	123	110	175	220	190	135	145	144	66

CAL YR 1983	TOTAL	71187	MEAN	195	MAX	1070	MIN	43
WTR YR 1984	TOTAL	85128	MEAN	233	MAX	1070	MIN	43

02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25", long 82°49'20", Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 0.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi².

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft³ between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Water is used for flood control, generation of power, and in the interest of navigation below Augusta.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft Apr. 8, 1964; minimum, 626.70 ft Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.-- Maximum elevation, 663.44 ft May 8; minimum, 654.24 ft Oct. 7.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

655.0 ft	50.02 ft³
660.0 ft	61.66 ft³
665.0 ft	74.43 ft³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	654.80	656.01	658.23	662.14	661.23	661.14	662.40	661.92	661.36	661.51	662.09	659.33
2	654.82	655.98	658.30	662.25	661.09	660.78	662.35	661.90	661.38	661.42	662.12	659.38
3	654.66	655.95	658.96	661.94	660.93	660.92	662.71	662.44	661.46	661.48	662.02	659.40
4	654.50	656.10	659.70	661.75	661.04	661.04	662.73	663.04	661.38	661.38	661.72	659.40
5	654.40	656.09	659.70	661.46	661.15	661.17	662.46	663.17	661.38	661.62	661.61	659.38
6	654.33	656.12	660.52	661.17	660.98	661.14	662.15	663.22	661.40	661.67	661.40	659.42
7	654.27	656.13	660.81	661.24	660.81	660.95	662.26	663.30	661.35	661.94	661.18	659.48
8	654.38	656.07	660.78	661.31	660.64	660.82	662.41	663.27	661.36	661.98	660.89	659.52
9	654.41	656.10	660.72	661.23	660.50	660.73	662.70	663.00	661.42	661.96	660.57	659.57
10	654.43	656.12	660.87	661.52	660.12	660.89	662.86	662.74	661.49	661.88	660.28	659.46
11	654.53	656.17	661.64	661.53	660.21	660.97	662.72	662.22	661.41	661.75	660.39	659.32
12	654.50	656.15	662.15	661.68	660.30	660.91	662.56	662.13	661.33	661.85	660.53	659.10
13	654.76	656.18	661.95	661.68	660.77	660.80	662.35	662.02	661.16	661.79	660.41	658.36
14	654.95	656.29	661.72	661.77	661.39	660.68	662.48	661.72	660.94	661.91	660.53	659.02
15	655.05	656.55	661.46	661.84	661.54	660.53	662.59	661.36	660.39	662.15	660.30	659.04
16	655.16	656.58	661.25	661.63	661.61	660.45	662.46	660.94	660.98	662.02	660.23	659.05
17	655.21	656.69	661.07	661.57	661.53	660.61	662.25	660.67	661.02	661.94	660.09	659.06
18	655.26	656.67	660.90	661.49	661.79	660.70	662.01	660.41	660.92	662.18	660.21	659.10
19	655.31	656.67	660.89	661.28	661.93	660.77	661.80	660.72	660.74	662.02	660.33	659.09
20	655.37	656.79	661.02	661.08	661.81	660.88	661.72	660.82	660.60	661.93	660.29	659.09
21	655.47	656.84	661.31	661.25	661.69	661.06	661.88	660.80	660.66	662.03	660.02	659.09
22	655.56	656.89	661.56	661.39	661.64	661.02	662.37	660.97	660.86	662.15	659.91	659.11
23	655.75	656.95	661.47	661.29	661.73	660.95	662.44	661.03	660.96	661.89	659.77	659.15
24	655.76	657.41	661.49	661.30	661.69	661.09	662.24	661.02	661.02	661.71	659.64	659.00
25	655.78	657.58	661.45	661.39	661.83	661.21	661.96	661.02	661.11	661.57	659.60	658.90
26	655.76	657.69	661.43	661.33	661.99	661.21	661.70	661.32	661.04	661.41	659.68	658.31
27	655.77	657.77	661.45	661.22	662.32	661.24	661.58	661.42	661.02	661.38	659.49	658.56
28	655.72	658.09	661.72	661.37	662.04	661.89	661.83	661.49	661.12	661.61	659.39	658.52
29	655.80	658.20	661.85	661.55	661.63	662.12	661.93	661.51	661.16	662.19	659.36	658.56
30	655.81	658.18	661.90	661.47	---	662.11	662.01	661.48	661.45	662.17	659.26	658.64
31	656.07	---	662.03	661.39	---	662.26	---	661.41	---	662.03	659.25	---
MAX	656.07	658.20	662.15	662.25	662.32	662.26	662.86	663.30	661.49	662.19	662.12	659.57
MIN	654.27	655.95	658.23	661.08	660.12	660.45	661.58	660.41	660.60	661.38	659.25	658.52
(+)	52.42	57.30	66.70	65.10	65.70	67.29	66.65	65.15	65.25	66.70	59.35	58.39
(*)	1,075	1,883	3,510	-597	239	594	-247	-560	39	541	-2,558	-563

CAL YR 1983 * 208 MAX 663.20 MIN 654.27
WTR YR 1984 * 281 MAX 663.30 MIN 654.27

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02194500 CLARK HILL LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40", long 82°12'00", Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi², approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

REVISED RECORDS.--WSP 1703: 1953.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1952, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by concrete dam with earth dam at each end; dam completed in 1952. Storage began in December 1951. Usable capacity, 75,360,000,000 ft³ between elevations 305.0 ft (normal limit of drawdown) and 335.0 ft (top of spillway gates). Dead storage below 305.0 ft, 50,960,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft. Water is used for flood control, generation of power, and navigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 336.72 ft Apr. 9, 1964; minimum, 296.48 ft Feb. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 333.15 ft Aug. 3; minimum 324.12 ft Nov. 24.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

315.0 ft	18.73 ft³
320.0 ft	30.06 ft³
325.0 ft	43.12 ft³
330.0 ft	58.37 ft³
336.0 ft	78.84 ft³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	328.01	325.28	325.35	331.40	330.01	332.75	330.84	331.54	331.51	329.58	332.79	330.12
2	327.92	325.18	325.28	331.26	329.96	332.72	330.70	331.53	331.46	329.52	333.04	330.02
3	327.80	325.15	325.76	331.12	329.98	332.47	330.80	331.85	331.39	329.50	333.06	329.82
4	327.68	325.05	326.55	331.00	329.90	332.14	330.88	332.58	331.27	329.58	332.78	329.73
5	327.60	325.04	327.16	330.84	329.92	331.97	330.81	332.90	331.31	329.77	332.57	329.63
6	327.65	325.04	328.18	330.71	329.85	332.19	330.75	332.74	331.31	329.95	332.18	329.47
7	327.60	324.90	328.93	330.68	329.89	332.15	330.65	332.48	331.29	330.13	331.70	329.23
8	327.55	324.74	329.50	330.65	329.87	331.81	330.62	332.05	331.30	330.06	331.24	329.10
9	327.47	324.71	329.79	330.52	329.84	331.47	330.82	331.62	331.25	329.96	330.80	329.00
10	327.29	324.62	329.94	331.07	329.74	331.20	331.24	331.53	331.17	329.88	330.81	328.89
11	327.11	324.51	330.21	331.56	329.66	330.96	331.47	331.69	331.02	329.80	330.92	328.76
12	326.97	324.43	330.82	331.86	329.65	330.55	331.51	331.79	330.91	329.77	330.73	328.66
13	327.01	324.35	331.15	331.69	329.87	330.44	331.51	331.80	330.80	329.70	330.52	328.89
14	326.86	324.25	331.39	331.59	330.67	330.21	331.53	331.67	330.73	329.77	330.41	329.00
15	326.77	324.40	331.46	331.52	331.30	329.94	331.64	331.60	330.66	329.73	330.27	328.94
16	326.68	324.39	331.36	331.28	331.31	329.82	331.71	331.59	330.64	329.84	330.11	328.80
17	326.59	324.37	331.49	331.03	331.38	329.77	331.69	331.57	330.54	330.13	330.04	328.61
18	326.50	324.29	331.46	331.31	331.48	329.68	331.79	331.65	330.40	330.55	330.00	328.43
19	326.40	324.35	331.30	331.58	331.57	329.58	331.95	331.82	330.32	330.78	329.87	328.23
20	326.34	324.44	331.14	331.76	331.34	329.78	332.33	331.71	330.17	330.95	329.83	328.04
21	326.25	324.39	330.99	331.64	331.27	329.78	332.37	331.62	330.21	331.00	329.89	327.85
22	326.13	324.26	330.92	331.58	331.29	329.82	332.27	331.70	330.08	330.92	330.03	327.69
23	326.08	324.13	331.07	331.26	331.56	329.82	332.23	331.73	329.96	330.97	330.15	327.60
24	325.95	324.42	331.22	331.05	331.73	329.74	332.26	331.78	329.88	331.06	330.28	327.50
25	325.94	324.61	331.35	330.86	331.52	329.82	332.21	331.80	329.82	331.16	330.33	327.47
26	325.81	324.79	331.30	330.61	331.40	329.85	332.12	331.67	329.68	331.27	330.24	327.41
27	325.70	324.81	331.18	330.41	331.90	329.89	332.14	331.62	329.64	331.43	330.16	327.38
28	325.57	324.92	331.14	330.36	332.69	330.24	332.28	331.61	329.73	331.74	330.19	327.38
29	325.48	325.04	331.33	330.30	332.78	330.68	332.15	331.66	329.69	332.19	330.18	327.29
30	325.46	325.18	331.46	330.13	---	330.86	331.80	331.61	329.58	332.58	330.18	327.24
31	325.38	---	331.44	330.08	---	330.86	---	331.55	---	332.73	330.15	---
MAX	328.01	325.28	331.49	331.86	332.78	332.75	332.37	332.90	331.51	332.73	333.06	330.12
MIN	325.38	324.13	325.28	330.08	329.65	329.58	330.62	331.53	329.58	329.50	329.33	327.24
(+)	44.28	43.67	63.26	58.64	67.82	61.29	64.49	63.64	57.09	67.65	58.88	49.95
(*)	-3.050	-235	7,314	-1,725	3,664	-2,438	1,235	-317	-2.527	3,943	-3,274	-3,445

CAL YR 1983 * 379 MAX 334.71 MIN 324.13
WTR YR 1984 * -79 MAX 333.06 MIN 324.13

(+) CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
(*) CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45", long 82°10'55", Edgefield County, Hydrologic Unit 03060107, on left bank at bridge on State Highway 23, 1.4 mi east of Modoc, and 3.2 mi downstream from Turkey Creek.

DRAINAGE AREA.--545 mi².

PERIOD OF RECORD.--November 1929 to September 1931, February 1940 to September 1978, November 1983 to September 1984. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1533: 1954(M).

GAGE.--Water-stage recorder. Datum of gage is 197.34 ft above National Geodetic Vertical Datum of 1929 (levels by Southeastern Power Administration). October 15, 1929 to September 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--39 years (1930-31, 1940-78), 418 ft³/s 10.42 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,100 ft³/s Aug. 14, 1940, gage height, 41.08 ft Aug. 14, 1940; no flow many days Sept., Oct., Nov. 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 6,000 ft³/s and maximum (*).

Date	Time	Discharge (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Dec. 7	0145	7,580	21.00	Feb. 14	1515	7,840	21.33
Jan. 11	1430	*10,300	*24.18	Feb. 28	0515	8,920	22.61
Jan. 19	1515	8,530	22.15	May 4	1400	7,020	20.29

Minimum daily, 12 ft³/s Sept. 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	104	223	303	1190	600	520	131	124	291	54
2		---	72	182	269	891	530	508	109	344	432	47
3		---	1090	163	250	757	500	3150	97	111	1750	42
4		---	3010	152	326	659	640	5930	84	82	709	38
5		---	1290	140	570	733	1950	2710	75	84	297	43
6		---	3520	131	397	2610	1700	966	70	60	192	32
7		---	5180	122	296	2430	800	1540	67	49	198	97
8		---	1660	110	247	1360	600	1070	61	56	136	50
9		---	421	101	225	932	1000	569	56	50	104	38
10		---	264	1340	211	746	2240	399	53	40	87	34
11		---	207	9290	201	658	1170	320	50	36	435	30
12		---	1060	3460	197	597	686	270	46	36	251	27
13		---	895	877	376	998	491	236	44	31	163	28
14		---	430	543	6160	1380	404	209	43	146	113	25
15		---	281	416	2850	890	366	188	41	125	108	24
16		131	207	343	1050	699	334	164	39	79	92	23
17		140	165	299	650	614	290	142	40	69	78	21
18		105	139	728	487	566	264	129	39	769	92	20
19		69	123	7200	398	533	245	122	35	2250	103	18
20		59	115	2790	346	526	931	115	30	397	75	13
21		60	108	950	309	1240	1490	107	38	191	72	19
22		68	122	584	280	390	804	98	95	263	58	14
23		70	432	424	3010	622	2460	98	101	204	52	14
24		183	375	400	2770	521	1460	108	74	137	55	16
25		1160	220	699	1190	584	729	103	61	93	52	16
26		503	143	660	635	798	477	93	58	75	75	15
27		176	126	1160	3330	604	614	83	53	73	546	14
28		116	205	1250	6670	1620	1420	655	45	641	125	14
29		244	1030	679	2680	2810	753	825	30	1320	80	12
30		190	650	465	---	1140	536	326	342	1380	72	13
31		---	344	361	---	647	---	184	---	552	62	---
TOTAL		---	23988	36242	36683	31235	26484	21937	2157	9867	6935	901
MEAN		---	774	1169	1265	1008	883	708	71.9	318	224	30.0
MAX		---	5180	9290	6670	2810	2460	5930	342	2250	1750	97
MIN		---	72	101	197	521	245	83	30	31	52	12

02196250 HORN CREEK NEAR COLLIERS, SC

LOCATION.--Lat 33°42'55", long 81°56'23", Edgefield County, Hydrologic Unit 03060107, on County Road 76 bridge 5.1 mi south of Edgefield and 3.5 mi northeast of Ropers Crossroads.

DRAINAGE AREA.--13.9 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 320 ft (from topographic map).

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height 13.37 ft Apr. 8, 1983; minimum daily discharge, 0.77 ft³/s Oct. 1, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 915 ft³/s, gage height 10.49 ft Feb. 13; minimum daily discharge, 1.5 ft³/s, Sept. 26-29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	5.5	15	12	22	30	27	23	13	4.8	4.6	2.9
2	5.0	5.4	15	11	24	26	23	23	11	4.6	11	2.8
3	5.0	5.3	70	10	23	22	34	65	10	4.6	8.6	2.7
4	5.1	5.9	115	10	31	21	62	122	9.2	4.3	5.0	2.6
5	5.2	6.3	40	9.0	23	42	56	42	8.6	4.3	5.2	2.6
6	5.3	5.7	226	8.5	20	67	34	30	8.0	4.3	5.1	2.5
7	5.6	5.8	61	8.4	19	48	27	38	7.6	5.3	4.3	2.4
8	5.7	6.1	29	8.4	18	30	23	26	7.2	5.3	4.0	2.3
9	5.8	6.9	21	12	17	25	27	22	7.0	5.2	3.9	2.2
10	6.0	8.3	18	61	17	23	32	19	6.7	5.0	4.8	2.2
11	6.3	8.1	25	72	17	21	25	18	6.5	4.5	6.3	2.1
12	6.5	7.7	41	26	16	19	22	17	6.5	4.8	4.3	2.1
13	6.8	7.9	23	19	199	29	20	16	6.4	12	3.9	2.0
14	7.0	11	20	17	161	21	19	15	6.3	5.0	3.8	2.0
15	7.2	40	18	16	54	19	19	14	6.2	4.3	3.8	1.9
16	7.0	25	16	15	34	17	17	13	6.2	4.1	5.0	1.9
17	6.9	17	15	14	26	17	16	13	6.1	4.7	5.4	1.9
18	6.7	14	15	38	22	17	16	13	6.2	19	4.0	1.8
19	6.8	13	14	117	19	16	16	12	6.2	6.7	3.6	1.8
20	7.0	17	14	33	17	18	40	11	5.9	4.7	3.4	1.7
21	7.3	13	14	23	16	24	26	11	5.7	4.3	3.2	1.7
22	7.9	14	18	19	17	17	22	12	5.6	4.1	3.1	1.7
23	8.5	20	15	17	38	16	34	14	5.6	4.0	3.0	1.6
24	8.9	40	14	20	25	15	22	12	5.5	3.7	3.1	1.6
25	8.2	65	13	22	21	23	19	11	5.4	3.5	3.3	1.6
26	7.1	40	14	18	18	18	17	9.9	5.1	3.7	4.2	1.5
27	6.6	30	13	54	174	17	45	10	5.0	4.2	3.8	1.5
28	6.4	22	17	27	68	172	42	31	5.0	4.9	3.6	1.5
29	6.0	18	16	21	36	95	29	32	4.9	5.9	3.3	1.5
30	5.8	16	14	20	---	45	24	25	4.7	4.5	3.1	2.5
31	5.5	---	13	21	---	33	---	16	---	4.3	3.0	---
TOTAL	200.0	499.9	972	779.3	1192	1003	835	735.9	203.3	164.9	136.7	61.1
MEAN	6.45	16.7	31.4	25.1	41.1	32.4	27.8	23.7	6.78	5.32	4.41	2.04
MAX	8.9	65	226	117	199	172	62	122	13	19	11	2.9
MIN	4.9	5.3	13	8.4	16	15	16	9.9	4.7	3.5	3.0	1.5

CAL YR 1983	TOTAL	6326.0	MEAN	17.3	MAX	321	MIN	4.7
WTR YR 1984	TOTAL	6783.1	MEAN	18.5	MAX	226	MIN	1.5

02197000 SAVANNAH RIVER AT AUGUSTA, GA

LOCATION.--Lat 33°22'25", long 81°56'35", Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.2 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.4.

DRAINAGE AREA.--7,508 mi^2, including that of Butler Creek.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1883 to December 1891, January 1896 to December 1906, January 1925 to current year. Monthly discharges only for some periods, published in WSP 1303. Gage-height records collected at site of Fifth Street gage from 1875 to 1952 and at New Savannah Bluff lock and dam sites since 1937 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1303: 1927-39 (monthly runoff). WSP 1433: 1888, 1896-99, 1902-03, 1906-07, and 1932 (M).

GAGE.--Water-stage recorder. Datum of gage is 96.58 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark). Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording gage at Fifth Street Bridge at datum 102.06 ft NGVD (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft NGVD (levels by Corps of Engineers). Oct. 1, 1936, to Nov. 10, 1948, recording gage at site 0.2 mi downstream from present site and at present datum.

REMARKS.--Records good. Flow regulated by Hartwell Lake (see sta 02187250), by Clark Hill Lake (see Sta 02194500) and by other powerplants above station.

AVERAGE DISCHARGE.--77 years (water years 1884-91, 1897-1906, 1926-83), 10,210 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 350,000 ft^3/s Oct. 3, 1929; maximum gage height, 46.3 ft Sept. 27, 1929 (at site and datum then in use); minimum discharge, 648 ft^3/s Sept. 24, 1939, from rating curve extended below 1,400 ft^3/s; minimum daily, 1,040 ft^3/s Oct. 2, 1927.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known occurred in 1796, dischage 360,000 ft^3/s gage height, 40 ft, marked by local residents (at site and datum of Fifth Street gage), by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 34,000 ft^3/s May 5, gage height, 20.35 ft; minimum daily, 4,740 ft^3/s Nov. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5530	5250	6090	6000	14400	30300	7400	18400	9130	6690	20800	7040
2	5410	5210	6040	8390	14800	27800	10500	18600	9070	7110	21300	6300
3	5420	5140	6030	10000	14800	25200	11000	20000	7550	8690	27600	6130
4	5460	5330	5860	8560	12600	21300	10800	27900	6770	8930	30500	9300
5	5760	5500	9680	8600	10100	20800	13000	29500	9280	7540	29400	9370
6	7010	5310	11700	8010	8920	26700	14200	28800	9740	6850	29000	9750
7	5920	5360	15700	6180	11300	33200	11800	29900	9740	7010	29100	8450
8	6240	5110	15100	5590	11700	32300	8470	32000	9830	6750	29100	6120
9	5800	5640	10300	5510	11800	30100	10100	32000	8880	7480	29200	6160
10	5580	5300	6750	7990	10600	23800	11400	30000	6320	7200	24700	7050
11	5850	[illegible]40	5760	11800	6640	19200	13000	25800	7100	6510	19100	6910
12	9970	5100	7630	22900	5460	18200	12500	21200	10100	7450	14900	10500
13	8130	4980	8250	15900	6980	22100	11900	16900	10200	7640	12700	10700
14	5740	4740	7730	13600	12100	23800	11500	14500	10500	7010	14800	8340
15	6110	4870	7360	10400	18700	24000	9680	18900	10900	6350	14800	6460
16	5530	5050	10700	10700	16600	22300	9070	19400	9690	6380	15100	5870
17	5340	5980	10900	13600	15900	18800	10700	18400	6530	6760	14400	6610
18	6130	6350	7060	14500	13400	13600	9960	17100	6200	7060	11500	6990
19	5810	5350	6960	18100	10100	11100	9820	12700	8210	7990	7220	7590
20	5620	5150	8370	25000	10100	10000	13800	7130	9450	10100	6750	7660
21	5960	5160	8810	19200	14100	12400	17500	8400	9830	7410	6790	7230
22	5920	5050	9670	13900	15000	12000	18600	7670	9180	7240	6570	5320
23	5870	4930	9570	12200	16500	11800	19100	8160	7510	6960	8930	5190
24	6260	4950	6710	15100	19600	10100	23400	8390	6070	6940	7390	7270
25	6670	10200	10200	16100	18700	10200	22600	6480	5900	7750	7000	7510
26	6450	8730	13400	16500	14500	11500	21800	6830	6310	7590	6670	7930
27	6000	5220	11000	16700	15600	10900	21200	8390	7790	7850	6240	7650
28	5800	5010	9160	16200	28900	11700	22300	7280	7820	7930	7400	7050
29	5930	5490	9320	13300	30800	17900	20500	8610	6310	7960	8100	6370
30	5530	5430	9910	11700	---	16300	18000	10000	6650	14600	7920	6150
31	5320	---	9160	14100	---	11600	---	8730	---	22000	7820	---
TOTAL	188070	166030	280900	396330	410700	591000	425600	528070	247560	251730	482790	221020
MEAN	6067	5534	9061	12780	14160	19060	14190	17030	8252	8120	15570	7367
MAX	9970	10200	15700	25000	30800	33200	23400	32000	10900	22000	30500	10700
MIN	5320	4740	5760	5510	5460	10000	7400	6480	5900	6350	6240	5190

CAL YR 1983	TOTAL	4010580	MEAN	10990	MAX	64400	MIN 4740
WTR YR 1984	TOTAL	4139800	MEAN	11450	MAX	33200	MIN 4740

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1949 to September 1950, February 1968 to September 1972, July 1973 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1973 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 26.5°C Aug. 14-17, 1981; minimum, 4.5°C Feb. 19, 20, 1979.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 24.7°C Aug. 20; minimum, 6.3°C Jan. 23, 24, and Feb. 7.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.3	20.0	20.2	18.9	18.6	18.8	13.9	13.4	13.6	7.8	7.3	7.5
2	21.8	20.2	20.9	18.9	18.5	18.7	14.0	13.5	13.7	7.2	6.7	7.0
3	21.9	21.5	21.7	18.8	18.6	18.8	14.4	13.6	13.9	8.2	7.3	7.7
4	21.9	21.5	21.7	18.9	18.6	18.8	15.1	14.5	14.9	8.5	8.0	8.3
5	21.9	21.5	21.8	18.8	18.3	18.5	15.1	13.6	14.4	8.9	8.0	8.6
6	22.3	21.9	22.1	18.3	17.8	18.0	15.2	13.8	14.7	9.2	8.6	9.0
7	22.3	21.9	22.1	17.8	17.1	17.4	14.8	13.5	14.0	9.4	8.7	9.1
8	21.9	21.5	21.7	17.3	17.0	17.2	13.5	12.4	12.9	9.3	8.8	9.0
9	21.9	21.5	21.8	17.7	17.2	17.4	12.3	11.9	12.1	9.1	8.5	8.8
10	21.8	20.3	21.0	17.9	17.7	17.9	12.5	12.1	12.4	9.0	8.4	8.8
11	20.4	20.3	20.4	17.8	17.1	17.5	12.9	12.2	12.6	8.9	7.4	8.6
12	21.5	20.3	20.7	17.0	16.0	16.5	13.1	12.8	13.0	7.9	7.4	7.7
13	20.4	20.0	20.3	16.0	15.1	15.5	13.2	12.6	13.1	7.4	6.7	7.0
14	21.6	20.1	20.6	15.0	14.5	14.8	12.9	12.4	12.7	7.3	6.7	7.4
15	21.9	21.5	21.7	14.8	14.6	14.7	13.0	12.6	12.9	7.4	7.1	7.3
16	21.7	20.2	21.4	14.7	14.5	14.6	12.6	12.3	12.5	7.6	7.2	7.4
17	20.1	19.3	19.9	14.5	14.0	14.3	12.7	12.2	12.5	8.2	7.4	8.0
18	21.6	20.2	20.6	14.4	13.5	13.9	12.6	12.2	12.4	8.3	8.1	8.2
19	21.9	20.4	21.7	14.6	14.2	14.4	12.1	11.6	11.8	8.2	7.7	8.1
20	21.9	21.5	21.7	15.0	14.5	14.9	11.9	11.5	11.7	8.0	7.3	7.6
21	21.9	21.5	21.7	15.3	15.0	15.2	11.6	10.9	11.4	7.4	7.1	7.3
22	21.6	20.2	21.4	15.3	14.6	15.0	10.9	10.4	10.7	7.1	6.7	7.0
23	20.2	19.2	19.5	15.2	14.6	14.9	10.7	10.5	10.6	6.6	6.3	6.5
24	19.4	19.1	19.3	15.7	15.2	15.5	10.7	9.6	10.4	7.4	6.3	7.0
25	19.4	19.2	19.4	15.8	14.4	15.3	9.6	7.1	8.3	7.5	7.0	7.3
26	19.3	19.1	19.2	14.2	13.4	13.7	8.6	7.2	8.2	7.5	7.2	7.4
27	19.3	18.8	19.0	13.7	13.2	13.5	8.7	7.5	7.9	7.9	7.4	7.7
28	19.1	18.5	18.8	14.3	13.7	14.1	8.8	8.2	8.6	8.0	7.6	7.9
29	19.1	18.7	19.0	14.6	14.2	14.5	9.7	9.0	9.5	8.3	7.9	8.1
30	19.0	18.6	18.8	14.2	13.6	13.9	9.5	8.1	8.8	8.2	7.8	8.1
31	18.8	18.6	18.7	---	---	---	8.3	7.2	7.7	7.8	7.1	7.3
MONTH	22.3	18.5	20.5	18.9	13.2	16.0	15.2	7.1	11.5	9.4	6.3	8.0

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984-Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.5	7.0	7.3	8.2	7.5	7.8	14.5	13.3	13.9	16.0	14.6	15.2
2	7.5	7.1	7.3	8.5	7.8	8.1	14.5	13.4	14.1	16.0	14.7	15.4
3	7.8	7.4	7.6	8.9	8.1	8.5	13.8	13.0	13.4	15.8	14.3	14.9
4	8.3	7.7	8.0	8.9	8.5	8.7	13.1	12.6	12.9	16.4	14.7	15.5
5	8.2	7.9	8.1	9.1	8.9	9.0	12.9	12.5	12.7	17.5	15.6	16.4
6	7.9	6.6	7.4	9.3	8.8	9.0	13.2	12.5	12.8	17.1	15.3	15.7
7	6.6	6.3	6.5	9.5	8.8	9.1	13.9	13.2	13.6	15.5	15.0	15.3
8	6.9	6.4	6.6	9.5	8.8	9.2	14.7	13.5	14.1	15.8	15.0	15.4
9	7.4	6.8	7.1	9.5	8.7	9.1	14.7	13.7	14.4	16.1	14.5	15.4
10	7.9	7.3	7.6	9.5	8.9	9.2	13.6	11.7	12.9	16.3	15.2	15.8
11	9.0	7.9	8.4	9.4	8.8	9.1	12.6	11.5	12.1	16.3	15.1	15.7
12	10.0	8.9	9.4	9.8	9.2	9.6	13.6	12.7	13.2	16.9	15.1	15.9
13	10.6	10.0	10.2	9.9	9.4	9.6	14.4	13.6	14.1	17.4	16.2	16.7
14	10.4	9.5	10.0	10.2	8.9	9.5	14.8	14.3	14.6	17.7	16.9	17.5
15	10.8	9.6	10.4	10.5	9.6	10.0	15.2	14.4	14.9	17.4	15.5	16.2
16	10.5	9.1	10.0	10.8	9.7	10.2	15.2	14.6	14.9	16.7	15.1	15.9
17	9.0	8.1	8.6	10.9	10.2	10.4	14.6	13.4	14.1	16.7	15.3	15.9
18	9.2	8.6	8.9	11.2	10.6	11.0	13.9	13.3	13.6	16.6	15.1	15.8
19	9.6	8.8	9.2	12.4	11.2	12.0	14.1	13.4	13.7	16.9	16.1	16.5
20	10.2	9.2	9.6	12.8	12.1	12.3	13.5	12.7	13.0	19.2	16.5	17.7
21	9.5	8.1	8.5	12.2	11.0	11.7	14.1	12.8	13.4	20.0	18.4	19.1
22	8.7	8.1	8.3	11.6	10.5	11.2	14.2	13.4	13.8	20.5	18.7	19.7
23	8.4	7.7	7.9	12.3	11.5	12.0	14.2	13.2	13.7	19.7	18.4	19.1
24	9.2	7.9	8.4	13.0	12.2	12.7	14.3	13.3	13.8	19.7	17.8	18.8
25	9.2	8.9	9.2	14.3	12.9	13.7	15.5	14.0	14.6	20.3	18.8	19.3
26	9.3	8.8	9.1	14.2	13.6	14.0	15.4	14.1	14.7	20.4	19.6	20.0
27	9.5	8.4	9.2	14.0	13.0	13.5	15.3	13.8	14.3	20.2	19.4	19.4
28	8.3	7.8	8.0	13.8	13.0	13.4	15.1	13.5	14.2	20.2	18.5	19.2
29	8.0	7.4	7.7	14.3	13.4	13.8	15.0	14.2	14.6	20.8	19.3	20.0
30	---	---	---	13.6	13.3	13.4	15.9	14.2	14.9	19.9	18.4	19.5
31	---	---	---	13.8	13.1	13.5	---	---	---	18.8	17.6	18.2
MONTH	10.8	6.3	8.5	14.3	7.5	11.0	15.9	11.5	14.0	20.8	14.3	17.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18.3	16.7	17.6	20.8	19.7	20.2	19.4	18.3	18.8	24.0	22.6	23.3
2	18.7	17.1	18.0	21.2	19.7	20.5	19.9	18.7	19.3	24.1	23.2	23.7
3	19.3	17.6	18.5	21.3	19.7	20.6	20.1	18.9	19.4	24.5	23.4	24.0
4	21.3	19.1	20.0	21.1	19.2	20.1	20.2	19.6	19.8	24.3	22.0	23.4
5	21.8	20.0	20.9	21.9	19.6	20.7	20.0	19.3	19.7	22.1	21.4	21.9
6	20.4	18.7	19.5	22.7	21.1	21.8	20.6	19.4	19.9	21.7	21.1	21.4
7	20.5	18.5	19.5	22.5	21.0	21.8	20.8	19.9	20.3	22.0	21.2	21.6
8	20.3	18.6	19.4	22.7	21.2	22.0	21.0	20.1	20.5	22.1	21.0	21.5
9	20.3	18.5	19.4	23.3	21.4	22.5	21.2	20.3	20.7	22.0	21.0	21.4
10	20.9	18.8	19.6	23.5	21.5	22.4	22.2	20.6	21.3	21.7	20.9	21.4
11	22.4	21.0	21.6	22.9	21.0	21.9	22.3	21.3	21.7	22.5	21.2	21.8
12	21.8	18.7	20.5	22.3	20.5	21.4	22.7	22.0	22.5	22.9	22.2	22.5
13	20.2	18.4	19.3	22.4	20.3	21.4	23.0	22.3	22.6	23.2	22.2	22.7
14	19.8	18.4	19.1	22.8	21.1	21.9	22.8	21.1	21.7	23.6	22.3	23.0
15	20.0	18.7	19.3	22.8	22.0	22.3	22.7	21.3	21.9	24.4	22.8	23.6
16	20.2	18.8	19.6	23.3	22.0	22.6	22.9	21.4	21.9	23.9	21.2	22.8
17	21.3	18.7	19.7	23.8	22.3	23.0	23.0	21.4	22.0	22.0	19.9	21.4
18	22.4	21.2	21.6	23.7	21.7	22.5	23.2	22.1	22.5	21.2	20.0	20.7
19	22.7	21.0	22.1	22.2	20.9	21.3	24.0	22.2	22.9	20.8	20.1	20.5
20	21.0	19.3	20.2	22.9	20.2	21.9	24.7	23.0	23.8	21.5	18.3	20.5
21	20.6	18.9	19.8	22.1	20.7	21.3	24.4	23.2	23.9	22.0	20.7	21.3
22	20.3	18.7	19.5	22.2	21.1	21.7	24.3	23.0	23.6	21.8	20.7	21.4
23	19.8	18.3	19.0	22.8	20.9	21.8	23.8	22.5	23.2	22.6	21.7	22.2
24	19.9	18.9	19.4	23.6	21.8	22.7	24.2	22.4	23.3	22.9	21.8	22.5
25	21.2	19.4	20.0	23.5	21.8	22.8	24.2	22.7	23.4	23.6	22.0	22.7
26	22.0	21.0	21.3	23.0	21.1	22.1	23.9	22.8	23.2	23.5	22.1	22.8
27	22.2	20.4	21.3	22.9	21.2	22.1	23.3	22.5	23.0	22.7	21.9	22.3
28	21.1	19.4	20.3	22.5	20.9	21.7	23.3	22.4	23.1	22.0	19.4	20.8
29	21.0	19.9	20.4	21.9	20.8	21.2	23.6	22.4	23.0	20.5	19.3	20.2
30	20.9	19.5	20.2	21.4	18.7	20.3	22.9	22.0	22.5	20.7	20.1	20.3
31	---	---	---	19.1	18.3	18.7	23.5	22.0	22.8	---	---	---
MONTH	22.7	16.7	20.0	23.8	18.3	21.5	24.7	18.3	22.0	24.5	18.3	22.0
YEAR	24.7	6.3	16.0									

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC
(Hydrologic bench-mark station)

LOCATION.--Lat 33°23'05", long 81°37'00", Aiken County, Hydrologic Unit 03060106, at downstream side of bridge on U.S. Highway 278, 0.4 mi upstream from Johnson Fork Creek, and 4.6 mi southeast of New Ellenton.

DRAINAGE AREA.--87.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--18 years, 107 ft³/s, 16.70 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 466 ft³/s May.4, 1984, gage height, 8.13 ft; minimum, 49 ft³/s July 22. Aug. 19, 22, 23, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 250 ft³/s and maximum (*):

Date	Time	Discharge (ft³/s)	Gage height (ft)	Date	Time	Discharge (ft³/s)	Gage height (ft)
Dec. 6	1500	301	7.12	May 4	0600	*466	*8.13
Feb. 13	2400	402	7.76	May 7	0700	271	6.91
Feb. 27	1700	302	7.13	May 28	1600	339	7.37
Mar. 25	1700	312	7.20	July 28	2400	397	7.73
Apr. 4	2200	299	7.11	Aug. 11	0100	330	7.31
Apr. 27	2400	290	7.04	Aug. 20	0200	259	6.82

Minimum discharge, 59 ft³/s Oct. 21, gage height, 5.15 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	63	83	76	78	113	117	124	120	116	129	88
2	67	62	81	75	79	105	113	120	107	168	120	86
3	65	62	77	74	79	101	138	132	99	113	143	85
4	65	64	129	74	76	97	183	386	95	94	112	85
5	66	65	93	74	75	101	246	194	90	89	100	105
6	65	63	185	74	76	145	157	132	87	83	95	94
7	64	64	153	73	75	147	135	219	85	123	91	86
8	65	65	97	71	75	115	125	162	83	91	87	84
9	67	64	87	71	75	106	133	130	83	84	85	85
10	65	66	82	93	76	100	143	117	81	79	115	89
11	68	64	90	106	76	99	132	106	79	78	240	88
12	72	62	129	87	76	99	125	101	78	77	212	83
13	74	63	94	79	161	144	120	99	78	107	140	82
14	70	68	85	77	310	120	119	92	78	84	115	81
15	67	120	81	77	147	106	136	89	76	81	104	79
16	65	109	78	79	110	97	127	88	75	77	98	78
17	65	76	78	78	99	93	125	88	73	74	97	77
18	63	68	86	89	95	97	124	87	72	102	94	76
19	63	66	87	128	91	94	125	85	71	208	103	79
20	63	103	81	92	89	98	157	84	70	226	170	78
21	63	108	82	83	87	134	154	82	82	155	109	77
22	65	77	99	79	92	106	139	83	90	171	101	76
23	134	71	90	78	161	99	173	93	90	135	99	78
24	103	94	80	90	113	97	154	99	81	125	158	79
25	77	163	74	109	100	251	124	86	82	107	109	78
26	71	94	74	93	94	217	108	115	75	105	102	77
27	66	88	75	123	195	146	140	164	98	98	103	76
28	65	93	90	101	191	171	201	230	120	149	99	81
29	64	98	105	89	128	172	133	224	108	278	93	96
30	63	83	86	83	---	135	121	229	128	173	94	93
31	62	---	78	79	---	124	---	154	---	156	90	---
TOTAL	2160	2406	2889	2654	3179	3829	4227	4194	2634	3806	3607	2499
MEAN	69.7	80.2	93.2	85.6	110	124	141	135	87.8	123	116	83.3
MAX	134	163	185	128	310	251	246	386	128	278	240	105
MIN	62	62	74	71	75	93	108	82	70	74	85	76

CAL YR 1983	TOTAL	30945	MEAN	84.3	MAX	224	MIN	53
WTR YR 1984	TOTAL	38084	MEAN	104	MAX	386	MIN	62

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1966 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)
NOV 19...	1800	66	14	4.6	14.0	1.0	760	8.9	87	220	940	3
FEB 25...	1030	101	13	6.9	14.0	1.6	759	10.0	97	K22	510	3
MAY 24...	0900	89	14	4.5	17.5	5.4	761	8.4	88	120	130	3
AUG 16...	0930	102	11	5.0	21.0	1.0	761	8.2	92	80	770	3

DATE	HARDNESS NONCARBONATE (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CACO3)	SULFATE. DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
NOV 19...	0	.49	.37	1.5	51	.4	.30	5.0	2.3	2.3	<.10	7.0
FEB 25...	0	.49	.42	1.4	49	.4	.20	3.0	.9	2.3	<.10	6.2
MAY 25...	0	.50	.37	1.5	52	.4	.20	2.0	1.3	2.4	<.10	6.4
AUG 16...	0	.58	.35	1.4	49	.4	.20	3.0	.8	2.1	<.10	6.5

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS TOTAL (MG/L AS PO4)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
NOV 19...	20	18	.03	3.6	<.10	.020	.03	1.3	.010	.03	.010	<.010
FEB 25...	29	14	.03	7.1	.19	.050	.06	.40	<.010	--	.020	.020
MAY 25...	25	14	.03	6.0	.21	.030	.04	.90	.030	--	<.010	<.010
AUG 16...	19	14	.02	5.0	.14	<.010	--	.30	<.010	--	<.010	<.010

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)
NOV 19...	--	20	<1	50	<.5	<1	<1	<3	7	57	4	<4
MAY 25...	--	<10	<1	9	<.0	<1	<1	<3	<1	210	1	<4

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV												
19...	9	.1	<10	3	<1	<1	4	<6	78	4	.70	26
FEB												
25...	--	--	--	--	--	--	--	--	--	3	.82	63
MAY												
25...	8	.1	<10	2	<1	<1	4	<6	7	3	.82	59
AUG												
16...	--	--	--	--	--	--	--	--	--	4	1.2	53

DATE	TIME	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV									
19...	1800	2.0	<1.1	.6	<1.3	.5	<1.2	.67	.07

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

021973026 A-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°20'42", long 81°44'02", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, 100 ft southeast of the southeast corner of the Savannah River Plant Laboratory Area (Area A), 40 ft southeast of Rd 1-A.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 345 ft (from topographic map).

REMARKS.--Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 10, 1984, gage height, 1.59 ft; minimum daily, 0.08 ft³/s Dec. 31, 1983, Jan. 1, 2, 23, Aug. 2-3, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Aug. 10, gage height, 1.59 ft; minimum daily, 0.08 ft³/s Dec. 31., Jan. 1, 2, 23, Aug. 2-3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	.08	.16	.11	.27	.19	.12	.12	.11	.13
2			---	.08	.15	.14	.27	.18	.13	.11	.09	.13
3			---	.11	.14	.17	.35	.35	.13	.10	.08	.13
4			---	.22	.14	.17	.35	.26	.14	.10	.08	.14
5			---	.13	.15	.18	.20	.17	.14	.11	.10	.13
6			---	.14	.18	.22	.20	.17	.14	.17	.11	.12
7			---	.14	.16	.17	.20	.23	.14	.13	.11	.12
8			---	.15	.19	.16	.20	.17	.14	.12	.11	.14
9			---	.16	.23	.14	.27	.19	.14	.12	.11	.14
10			---	.19	.20	.14	.20	.20	.14	.11	.26	.13
11			---	.16	.17	.14	.19	.20	.14	.22	.14	.13
12			---	.15	.17	.15	.20	.20	.14	.22	.12	.16
13			---	.16	.32	.19	.19	.20	.15	.24	.12	.14
14			---	.15	.18	.15	.20	.22	.14	.12	.12	.14
15			.28	.12	.15	.17	.18	.21	.14	.12	.13	.14
16			.13	.11	.15	.17	.19	.22	.14	.12	.13	.14
17			.14	.12	.15	.17	.20	.18	.14	.12	.14	.14
18			.14	.17	.15	.19	.20	.14	.14	.20	.14	.14
19			.14	.12	.16	.17	.20	.14	.14	.17	.26	.14
20			.14	.11	.16	.23	.27	.14	.15	.10	.14	.15
21			.15	.13	.16	.17	.19	.14	.16	.17	.14	.15
22			.18	.10	.20	.18	.18	.14	.15	.11	.14	.14
23			.13	.08	.18	.19	.23	.20	.11	.11	.20	.14
24			.13	.17	.15	.20	.19	.14	.11	.11	.15	.14
25			.10	.15	.16	.35	.20	.13	.11	.12	.12	.14
26			.09	.12	.17	.20	.20	.14	.12	.14	.13	.14
27			.10	.14	.26	.21	.41	.14	.17	.14	.13	.14
28			.13	.15	.17	.29	.20	.26	.11	.20	.14	.14
29			.18	.11	.11	.18	.19	.23	.17	.17	.14	.13
30			.16	.10	---	.22	.19	.12	.11	.20	.14	.16
31			.08	.15	---	.29	---	.11	---	.11	.12	---
TOTAL			---	4.17	5.02	5.81	6.71	5.71	4.10	4.40	4.15	4.17
MEAN			---	.13	.17	.19	.22	.18	.14	.14	.13	.14
MAX			---	.22	.32	.35	.41	.35	.17	.24	.26	.16
MIN			---	.08	.11	.11	.18	.11	.11	.10	.08	.12

021973028 A-011 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°20'10", long 81°43'53", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on left downstream culvert wingwall, 1000 ft northeast of Road D, and 0.5 mi southeast of Road 1-A.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 370 ft (from topographic map).

REMARKS.--Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined, May 3, 1984, gage height 1.98 ft; minimum daily, 0.01 ft³/s Jan. 9, Sept. 2-4, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, May 3, gage height, 1.98 ft; minimum daily, 0.01 ft³/s Jan. 9, Sept. 2-4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	.03	.05	.09	.05	.08	.05	.11	.17	.14
2			---	.03	.03	.10	.04	.05	.05	.08	.39	.01
3			---	.03	.02	.09	.22	.50	.05	.08	.39	.01
4			---	.07	.02	.09	.41	.37	.05	.08	.14	.01
5			---	.03	.02	.13	.08	.06	.05	.08	.08	.04
6			---	.03	.07	.66	.05	.05	.05	.15	.08	.05
7			---	.02	.15	.07	.05	.24	.05	.17	.08	.04
8			---	.02	.10	.05	.05	.08	.05	.09	.13	.03
9			---	.01	.10	.05	.41	.05	.05	.09	.08	.03
10			---	.22	.08	.05	.06	.05	.05	.08	.30	.04
11			---	.09	.05	.05	.05	.05	.05	.08	.29	.03
12			---	.04	.05	.05	.05	.05	.05	.08	.12	.02
13			---	.06	1.3	.29	.05	.05	.07	.08	.35	.02
14			---	.03	.37	.05	.06	.05	.07	.08	.07	.04
15			---	.03	.10	.05	.05	.05	.07	.08	.08	.03
16			.05	.04	.08	.05	.05	.04	.07	.08	.07	.03
17			.03	.04	.06	.05	.05	.04	.07	.08	.10	.03
18			.02	.62	.05	.08	.05	.04	.07	.24	.06	.04
19			.02	.20	.04	.05	.05	.04	.05	.34	.19	.02
20			.02	.08	.05	.15	.37	.04	.08	.10	.12	.04
21			.08	.04	.05	.07	.05	.03	.22	.46	.06	.05
22			.79	.03	.27	.05	.05	.05	.19	.13	.06	.39
23			2.4	.66	.35	.05	.32	.13	.09	.09	.11	.06
24			.68	.29	.06	.05	.05	.08	.08	.09	.18	.05
25			.26	.23	.05	.50	.05	.04	.08	.08	.06	.05
26			.50	.06	.06	.05	.05	.04	.08	.11	.05	.05
27			.15	.62	.82	.06	.65	.09	.17	.11	.05	.05
28			.16	.04	.11	.46	.11	.55	.09	.21	.05	.06
29			.28	.04	.11	.09	.05	.37	.24	.34	.05	.10
30			.04	.03	---	.05	.08	.20	.10	.30	.05	.18
31			.03	.04	---	.05	---	.06	---	.13	.20	---
TOTAL			---	3.80	4.67	3.73	3.71	3.62	2.49	4.30	3.61	1.44
MEAN			---	.12	.16	.12	.12	.12	.08	.14	.12	.05
MAX			---	.66	1.3	.66	.65	.55	.24	.46	.35	.18
MIN			---	.01	.02	.05	.04	.03	.05	.08	.05	.01

02197305 EFFLUENT FROM 300-M SEEPAGE BASIN AT SAVANNAH RIVER PLANT, SC

LOCATION.-- Lat 33°19'29", long 81°44'22", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, near center of downstream side of footbridge, 40 ft south of 300-M Seepage Basin, 1000 ft west of SRP Rd. D, 2000 ft south of M Area.

PERIOD OF RECORD.-- November 1982 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 350 ft (from topographic map).

REMARKS.--Records fair. No estimates of discharge for period of no gage-height record, Apr. 5-30. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3.6 ft^3/s Sept. 1, 1983, gage height, 1.52 ft; minimum daily, 0.12 ft^3/s Mar. 18, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1.7 ft^3/s May 3, gage height, 1.17 ft; minimum daily, 0.12 ft^3/s Mar. 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.58	.52	.59	.30	.41	.46	.35	.47	.37	.33	.46	.18
2	.37	.49	.58	.29	.48	.46	.39	.48	.25	.32	.37	.16
3	.49	.49	.56	.41	.43	.42	.54	.58	.14	.35	.33	.13
4	.74	.60	.51	.56	.42	.37	.49	.70	.21	.36	.24	.26
5	.72	.50	.52	.57	.41	.43	---	.46	.39	.36	.22	.36
6	.70	.44	.68	.59	.44	.51	---	.38	.42	.44	.22	.42
7	.67	.48	.60	.43	.49	.51	---	.47	.34	.53	.31	.48
8	.62	.58	.53	.33	.50	.48	---	.42	.31	.36	.33	.35
9	.52	.60	.59	.41	.51	.46	---	.49	.22	.39	.33	.32
10	.50	.62	.49	.51	.51	.42	---	.45	.13	.46	.46	.38
11	.67	.62	.41	.49	.44	.37	---	.41	.17	.45	.44	.46
12	.68	.48	.46	.54	.38	.42	---	.42	.38	.48	.31	.49
13	.66	.40	.65	.48	.51	.54	---	.37	.40	.51	.35	.49
14	.63	.53	.64	.39	.48	.48	---	.36	.43	.51	.44	.53
15	.58	.67	.59	.30	.34	.47	---	.42	.43	.35	.46	.43
16	.42	.64	.58	.30	.39	.40	---	.44	.35	.44	.48	.39
17	.46	.69	.49	.36	.40	.27	---	.44	.26	.49	.48	.46
18	.68	.78	.38	.39	.35	.12	---	.45	.29	.53	.48	.46
19	.70	.72	.38	.42	.33	.15	---	.41	.51	.53	.45	.48
20	.65	.81	.50	.40	.31	.45	---	.36	.54	.48	.44	.48
21	.60	.70	.53	.32	.32	.44	---	.37	.51	.42	.44	.51
22	.48	.66	.61	.24	.30	.39	---	.41	.52	.33	.46	.37
23	.51	.70	.47	.26	.35	.39	---	.48	.48	.31	.49	.28
24	.55	.79	.33	.36	.37	.36	---	.48	.41	.40	.56	.44
25	.69	.72	.30	.38	.33	.46	---	.42	.37	.31	.47	.47
26	.61	.61	.33	.33	.31	.35	---	.36	.44	.34	.33	.46
27	.61	.58	.38	.36	.49	.36	---	.37	.48	.43	.35	.46
28	.67	.71	.56	.29	.43	.39	---	.43	.50	.39	.43	.51
29	.54	.66	.60	.24	.45	.47	---	.34	.57	.34	.44	.35
30	.45	.65	.52	.30	---	.51	---	.37	.49	.44	.43	.28
31	.43	---	.41	.36	---	.42	---	.37	---	.52	.26	---
TOTAL	18.18	18.44	15.77	11.91	11.88	12.73	---	13.38	11.31	12.90	12.26	11.84
MEAN	.59	.61	.51	.38	.41	.41	---	.43	.38	.42	.40	.39
MAX	.74	.81	.68	.59	.51	.54	---	.70	.57	.53	.56	.53
MIN	.37	.40	.30	.24	.30	.12	---	.34	.13	.31	.22	.13

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'08", long 81°41'40", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right bank 100 ft upstream of SRP Road C, 2.0 mi east of SRP Road 2.

DRAINAGE AREA.--176 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 125 ft (from topographic map).

REMARKS.--Records good, except those for periods of no gage height record, Apr. 24 to May 2, which are poor.

AVERAGE DISCHARGE.--10 years, 208 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 880 ft³/s Mar. 13-14, 1980, gage height, 6.10 ft; minimum daily, 113 ft³/s Aug. 25, 1978, August 23, 1983.

EXTREMES FOR CURRENT YEAR.-- Maximum discharge 840 ft³/s, May 5, gage height, 6.08 ft; minimum daily 137 ft³/s Oct 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	140	149	198	192	183	252	226	239	291	307	363	186
2	141	149	193	188	181	226	218	232	232	390	292	181
3	139	150	191	186	181	216	263	241	212	369	291	179
4	137	156	219	183	182	210	355	680	199	240	260	177
5	138	173	246	182	180	214	471	723	192	204	225	179
6	139	163	257	180	176	298	423	408	186	192	211	199
7	139	158	348	178	174	347	272	542	182	210	203	179
8	138	169	298	176	173	282	238	555	179	210	194	177
9	145	172	211	175	173	226	246	364	176	188	188	175
10	146	169	198	201	174	211	273	267	174	178	202	180
11	142	168	198	274	175	206	253	243	170	173	449	186
12	152	163	275	243	174	203	231	228	168	178	460	178
13	158	161	275	202	261	265	221	220	167	226	403	171
14	154	165	217	191	652	324	217	212	175	195	293	168
15	149	250	202	186	574	244	245	201	169	191	228	165
16	145	305	194	194	286	214	233	195	161	172	208	160
17	142	246	187	193	225	203	217	192	160	167	206	160
18	142	191	185	205	210	204	213	191	157	184	219	158
19	141	178	192	294	201	203	207	189	155	271	229	161
20	141	242	192	274	197	208	255	184	153	470	389	160
21	141	336	191	208	194	318	300	180	187	464	312	160
22	144	273	231	190	199	298	263	178	250	356	232	158
23	203	201	247	184	321	219	309	184	255	276	214	158
24	293	225	213	204	313	203	330	218	205	240	245	161
25	215	377	190	267	225	366	280	197	185	217	244	160
26	174	360	180	248	202	516	230	204	179	208	220	159
27	160	229	180	282	341	371	220	413	185	209	221	157
28	154	221	209	295	556	307	430	483	272	281	214	159
29	151	243	283	222	410	365	470	550	264	729	203	178
30	150	219	272	200	---	320	380	562	335	620	195	186
31	150	---	212	189	---	245	---	481	---	510	191	---
TOTAL	4793	6361	6884	6586	7493	8284	8489	9956	5978	8815	7984	5104
MEAN	155	212	222	212	258	267	283	321	199	284	258	170
MAX	293	377	348	295	652	516	471	723	335	729	460	199
MIN	137	149	180	175	173	203	207	178	153	167	188	157

CAL YR 1983	TOTAL	73164	MEAN	200	MAX	596	MIN	113
WTR YR 1984	TOTAL	86727	MEAN	237	MAX	729	MIN	137

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20", long 81°44'42", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, near right bank on downstream side of bridge at SRP Road A, 2.0 mi south of SRP Road 2.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--June 1974 to January 1978, October 1978 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 90 ft (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--9 years, 262 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,230 ft³/s May 29, 1976, gage height, 6.76 ft; minimum daily, 119 ft³/s Aug. 23, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 861 ft³/s, May 5, gage height, 6.01 ft; minimum daily, 156 ft³/s Oct. 4-5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	162	178	257	246	232	410	285	315	420	372	450	214
2	163	177	242	237	228	280	271	297	294	404	350	208
3	159	177	239	233	228	265	297	292	262	420	318	205
4	156	182	265	230	229	260	384	585	243	323	312	202
5	156	212	298	228	227	280	500	815	231	239	304	204
6	157	202	304	226	221	348	515	589	223	219	310	214
7	158	193	361	223	218	417	387	559	216	219	305	208
8	157	203	408	220	215	360	302	626	211	241	297	202
9	165	210	293	217	216	300	298	440	206	212	290	200
10	169	206	254	238	216	270	327	340	201	198	270	205
11	166	204	249	317	216	250	320	300	196	190	245	213
12	177	198	313	326	216	275	289	280	192	190	240	208
13	193	195	351	267	272	306	275	270	190	253	230	197
14	184	199	295	243	597	379	270	263	197	225	230	194
15	177	272	260	235	728	330	297	246	193	197	265	191
16	172	344	247	242	479	270	300	237	186	187	232	187
17	168	339	236	244	310	250	276	233	181	178	222	185
18	167	257	231	252	277	250	266	230	177	186	235	182
19	166	226	237	332	262	250	259	226	173	258	240	185
20	165	262	240	361	253	254	304	221	169	355	404	187
21	165	381	236	289	248	344	357	216	198	529	378	187
22	167	380	273	250	250	377	345	212	258	405	279	184
23	215	278	308	234	352	294	397	215	296	339	242	184
24	304	263	283	248	403	255	382	246	251	271	280	187
25	225	400	244	314	324	365	335	242	210	248	294	187
26	197	440	227	330	269	516	282	219	202	226	259	186
27	197	356	220	333	339	521	275	350	189	231	255	183
28	187	280	248	372	573	386	520	528	268	252	249	185
29	183	302	323	314	578	399	597	609	341	607	236	206
30	180	291	351	260	---	409	439	644	374	694	226	222
31	178	---	291	242	---	326	---	564	---	566	220	---
TOTAL	5535	7807	8584	8303	9176	10196	10351	11409	6938	9434	8657	5902
MEAN	179	260	277	268	316	329	345	368	231	304	279	197
MAX	304	440	408	372	728	521	597	815	420	694	450	222
MIN	156	177	220	217	215	250	259	212	169	178	220	182

CAL YR 1983 TOTAL 90821 MEAN 249 MAX 940 MIN 119
WTR YR 1984 TOTAL 102292 MEAN 279 MAX 815 MIN 156

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01", long 81°46'04", Aiken County, Hydrologic Unit 03060106, on left bank 1.4 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to current year, discharge below 22,000 ft³/s only.

GAGE.--Water-stage recorder. Datum of gage is 77.0 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. At times of high flow, bankfull capacity is exceeded in the intervening channel reach.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Apr. 11, 1983, gage height, 21.57 ft; minimum daily, 3,220 ft³/s Dec. 9, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined Mar. 9, gage height, 19.30 ft; minimum daily, 4,900 ft³/s Nov. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5690	5470	5970	7520	15000	---	11800	20000	11100	7230	18900	8000
2	5440	5350	6100	6410	15200	---	9670	19600	10300	7510	19800	6920
3	5380	5350	6350	9390	15600	---	11700	19600	9330	8270	20400	6550
4	5380	5550	5930	9330	15300	---	11900	20500	8120	9650	21500	7440
5	5470	5730	7290	8160	13000	---	12700	---	7860	8880	---	9810
6	6430	5530	11100	8690	9830	21200	15500	---	9740	7440	---	10200
7	6290	5410	13200	6840	10500	---	14900	---	10500	7350	---	9450
8	6020	5320	15900	5770	11600	---	12000	---	10500	7350	---	7690
9	6040	5470	14500	5430	12200	---	10000	---	10500	7380	---	6450
10	5820	5470	9330	6050	12000	---	11500	---	7970	7720	---	6680
11	5770	5250	6560	8460	9370	---	13000	---	6570	6980	---	7300
12	7730	5190	6290	15100	6290	20900	14000	---	9110	7090	21300	8570
13	9730	5060	8250	17700	6100	20300	13200	---	10500	7850	18800	11000
14	7320	4900	8420	16900	10400	20700	12700	19400	10800	7870	17300	10400
15	5990	4930	6730	14100	15600	21200	11800	18500	11100	7100	16800	7670
16	5930	5180	9200	10900	17900	21500	9690	19000	11300	6700	16700	6360
17	5400	5580	11000	13000	18000	21200	10700	19300	8490	6910	16700	6290
18	5510	6670	9440	14400	17100	19800	11000	19000	6730	7270	15600	6960
19	5990	6190	6720	15700	14900	16800	10300	18000	6910	7870	11300	7410
20	5580	5590	7750	18000	10900	14000	11600	13100	9320	10500	8380	7950
21	5860	5570	8380	19600	13400	12400	15700	9200	9960	9470	7800	7720
22	5870	5550	9050	19100	15100	14100	17600	9220	10000	8230	7450	6690
23	5980	5350	9850	16200	16200	13200	18600	8270	9110	7750	8130	5340
24	6350	5240	8550	15500	17500	12700	19400	9400	7310	7380	8870	6220
25	6830	7170	6830	16300	18700	10500	20500	8210	6280	7700	7880	7550
26	6880	11300	12700	16900	18600	13100	21000	7340	6350	7890	7450	7970
27	6340	7610	12400	17300	17000	13100	21000	8530	7000	8110	6950	7990
28	5960	5690	10200	17600	18600	12600	21100	9310	8450	8300	7030	7530
29	5940	5560	9340	16900	21000	14700	21300	9210	7490	8680	8250	7210
30	5770	5720	9630	14300	---	17300	20900	12100	7080	10900	8380	6360
31	5540	---	9990	14000	---	16700	---	11200	---	16900	8240	---
TOTAL	190230	173950	282950	401550	412890	---	436760	---	265780	256230	---	229680
MEAN	6136	5798	9127	12950	14240	---	14560	---	8859	8265	---	7656
MAX	9730	11300	15900	19600	21000	---	21300	---	11300	16900	---	11000
MIN	5380	4900	5930	5430	6100	---	9670	---	6280	6700	---	5340

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 26.5°C July 21, 1981; minimum, 4.3°C Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 24.3°C Aug. 21; minimum, 5.9°C Jan. 23.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.4	19.6	20.2	18.2	17.7	18.0	13.3	12.7	13.1	7.0	6.2	6.7
2	20.7	19.9	20.4	18.0	17.5	17.8	13.3	12.5	13.0	7.2	6.7	7.0
3	20.9	20.2	20.6	18.2	17.4	17.8	14.2	13.4	13.7	7.4	6.9	7.2
4	21.6	20.9	21.3	18.4	18.1	18.3	15.0	14.2	14.6	8.2	7.3	7.6
5	22.3	21.7	22.0	18.4	17.8	18.1	15.1	14.5	14.9	8.6	8.2	8.4
6	22.3	22.0	22.1	17.7	17.1	17.4	15.1	14.2	14.6	9.1	8.5	8.8
7	22.0	21.4	21.8	17.2	16.7	16.9	14.5	13.7	14.3	9.4	8.9	9.2
8	21.6	20.6	20.9	17.1	16.6	16.9	13.5	12.5	13.1	9.4	8.6	9.0
9	20.7	20.4	20.6	17.1	16.8	17.0	12.5	11.1	11.8	9.4	8.7	9.1
10	20.6	20.1	20.4	17.7	17.0	17.3	11.7	10.8	11.2	9.5	9.1	9.4
11	20.4	20.0	20.2	17.5	16.5	17.0	12.6	11.7	12.1	9.4	8.8	9.1
12	20.8	20.1	20.4	16.5	15.6	16.1	13.0	12.4	12.7	8.5	7.7	8.1
13	20.6	20.2	20.5	15.6	14.8	15.2	13.0	12.6	12.9	7.8	7.1	7.5
14	20.4	20.0	20.2	14.8	14.2	14.4	13.1	12.5	12.8	7.0	6.8	6.9
15	20.2	19.5	19.9	14.4	14.2	14.3	12.9	12.5	12.7	7.2	6.9	7.1
16	19.8	18.9	19.4	14.3	13.5	14.0	12.5	12.2	12.4	7.7	7.1	7.3
17	19.7	19.3	19.6	13.5	12.9	13.3	12.4	11.9	12.2	8.2	7.6	7.8
18	20.2	19.4	19.8	13.4	12.8	13.2	12.2	11.7	11.9	8.6	8.2	8.5
19	20.5	19.8	20.2	14.0	12.8	13.3	11.9	11.5	11.8	8.6	8.4	8.6
20	20.6	20.1	20.5	14.2	14.0	14.1	11.7	11.2	11.4	8.4	7.6	8.0
21	20.6	20.0	20.3	14.4	13.7	14.1	11.2	10.7	10.9	7.6	6.8	7.4
22	20.0	19.4	19.6	14.5	13.7	14.2	10.7	10.3	10.6	6.8	6.1	6.5
23	19.4	19.1	19.3	14.6	13.9	14.3	10.3	10.0	10.2	6.5	5.9	6.2
24	19.2	18.7	19.0	15.1	14.7	15.0	10.3	8.7	9.7	7.2	6.6	6.8
25	19.0	18.2	18.7	15.1	14.4	14.8	8.6	7.6	7.9	7.8	7.2	7.6
26	19.1	18.2	18.8	14.8	12.9	13.9	7.7	6.7	7.1	8.0	7.7	7.8
27	18.7	18.1	18.4	13.5	12.4	12.9	7.5	6.9	7.2	8.4	7.9	8.1
28	18.4	17.7	18.1	14.4	13.5	14.0	8.5	7.1	7.7	8.8	8.2	8.5
29	18.2	17.6	18.0	14.1	13.4	13.7	9.1	8.4	8.7	8.7	8.2	8.5
30	18.2	17.6	17.9	13.5	12.9	13.2	9.0	8.6	8.9	8.6	8.3	8.5
31	18.0	17.6	17.9	---	---	---	8.5	7.1	7.7	8.6	7.7	8.1
MONTH	22.3	17.6	20.0	18.4	12.4	15.5	15.1	6.7	11.5	9.5	5.9	8.0

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.7	7.1	7.4	7.8	7.2	7.5	14.4	13.3	13.9	16.7	16.0	16.3
2	7.8	7.3	7.6	8.1	7.5	7.7	14.2	13.5	13.9	16.7	15.9	16.3
3	8.1	7.6	7.9	9.1	8.2	8.6	14.4	13.0	13.9	16.2	15.6	16.0
4	8.7	8.1	8.4	9.7	8.9	9.2	14.0	13.1	13.7	16.4	15.5	16.0
5	8.9	8.5	8.7	10.2	9.6	9.9	13.6	13.0	13.3	17.0	16.4	16.7
6	8.7	7.7	8.1	10.5	10.2	10.3	13.6	12.3	13.1	17.6	17.1	17.4
7	7.6	6.8	7.1	10.5	10.1	10.3	14.1	13.2	13.6	17.6	17.4	17.6
8	6.9	6.2	6.6	10.2	9.5	9.8	14.8	14.1	14.4	17.4	17.2	17.3
9	7.4	6.5	7.0	10.2	9.7	10.0	14.9	14.6	14.8	17.2	16.2	16.6
10	8.2	7.3	7.7	9.7	9.2	9.5	14.6	13.3	14.0	16.2	15.9	16.0
11	9.4	8.2	8.8	9.8	9.2	9.5	13.5	12.5	12.9	16.4	16.0	16.2
12	10.9	9.3	10.2	10.1	9.5	9.8	14.4	13.5	13.9	16.8	16.3	16.6
13	11.8	10.9	11.3	10.5	10.1	10.3	15.0	14.5	14.8	17.7	16.7	17.2
14	12.1	11.0	11.6	10.7	10.1	10.4	15.5	15.1	15.4	18.4	17.4	17.8
15	11.2	10.1	10.7	11.4	10.5	10.9	15.7	15.4	15.6	18.4	16.9	17.8
16	11.4	10.5	11.1	11.9	11.2	11.6	15.8	15.2	15.6	17.1	16.3	16.7
17	10.5	9.6	10.2	12.2	11.8	12.1	15.2	14.7	15.0	16.9	15.9	16.4
18	10.6	9.5	10.2	12.8	12.0	12.3	14.8	13.9	14.3	16.8	15.8	16.3
19	10.9	9.9	10.6	13.5	12.8	13.1	14.3	13.7	14.0	17.3	16.0	16.6
20	11.0	9.9	10.5	13.8	13.5	13.7	14.1	13.8	13.9	18.2	17.2	17.7
21	10.1	8.7	9.5	14.1	11.7	13.1	13.8	13.1	13.5	19.9	18.1	18.9
22	9.1	8.6	8.9	12.6	10.9	12.2	14.5	13.7	14.2	20.4	19.4	19.8
23	8.9	8.0	8.5	12.9	11.6	12.3	15.0	14.4	14.7	20.8	19.6	20.2
24	9.1	8.6	9.0	13.8	12.3	13.0	14.8	14.2	14.5	20.6	19.4	20.0
25	9.8	9.0	9.3	14.7	12.6	14.2	15.0	14.2	14.6	20.9	19.0	20.0
26	9.9	9.5	9.7	15.0	13.8	14.5	15.8	15.0	15.5	20.9	20.0	20.5
27	9.9	9.8	9.9	15.0	13.7	14.5	15.6	15.3	15.5	20.9	20.3	20.6
28	9.9	8.5	9.4	15.2	14.1	14.7	15.3	15.0	15.2	20.4	19.5	20.0
29	8.5	7.8	8.1	15.1	13.2	14.1	15.7	15.2	15.5	20.8	19.3	20.0
30	---	---	---	14.0	12.8	13.4	16.3	15.6	16.0	20.1	19.0	19.7
31	---	---	---	13.9	12.4	13.4	---	---	---	19.0	17.7	18.6
MONTH	12.1	6.2	9.0	15.2	7.2	11.5	16.3	12.3	14.5	20.9	15.5	18.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18.5	17.1	17.7	21.4	20.3	21.0	19.3	18.7	19.1	---	---	---
2	18.7	17.4	18.1	21.2	20.4	20.9	20.0	19.3	19.7	---	---	---
3	19.8	18.0	19.0	21.7	20.4	21.1	20.3	19.8	20.1	---	---	---
4	21.0	18.2	19.7	21.7	20.7	21.1	20.8	19.8	20.4	---	---	---
5	22.0	20.3	21.2	21.8	20.8	21.4	21.0	20.5	20.8	23.1	22.0	22.5
6	22.1	20.5	21.4	23.1	21.3	22.3	21.0	20.6	20.9	22.0	21.4	21.7
7	21.0	20.3	20.6	23.6	22.3	23.0	21.2	20.5	20.9	21.5	21.1	21.3
8	21.0	20.3	20.6	23.6	22.2	23.0	21.5	20.6	21.1	21.7	21.0	21.4
9	20.5	20.1	20.4	23.6	22.2	23.0	21.6	20.6	21.3	21.4	21.0	21.2
10	21.6	20.2	20.9	23.9	22.3	23.1	21.6	21.2	21.4	21.6	20.8	21.2
11	22.2	20.3	21.1	24.2	22.7	23.4	22.1	21.3	21.7	22.3	20.9	21.6
12	22.7	21.5	22.2	23.6	22.1	22.9	22.6	20.3	21.6	22.9	21.6	22.3
13	21.9	20.2	21.0	23.1	21.8	22.5	22.8	21.8	22.4	22.9	22.5	22.8
14	20.8	20.0	20.3	23.1	22.0	22.5	22.8	21.9	22.4	23.1	22.7	22.9
15	20.6	20.0	20.3	23.7	22.0	22.9	22.5	21.1	21.8	23.7	23.0	23.3
16	20.9	20.0	20.4	23.7	22.9	23.4	22.9	21.3	22.1	23.2	22.5	22.9
17	21.6	20.7	21.2	24.2	23.0	23.6	22.9	21.1	22.0	22.4	21.4	21.9
18	22.6	20.5	21.4	23.8	22.8	23.2	23.3	22.1	22.5	21.6	20.7	21.1
19	23.5	22.3	22.8	23.1	21.9	22.3	23.3	22.1	22.9	20.9	19.8	20.5
20	23.4	20.9	22.3	21.9	19.8	21.1	23.8	22.1	22.8	20.7	19.7	20.3
21	21.2	20.4	20.9	22.6	20.7	22.0	24.3	22.8	23.6	21.3	20.1	20.7
22	20.9	19.6	20.4	22.7	21.1	21.9	24.1	23.4	23.7	21.8	20.6	21.2
23	21.1	19.6	20.3	22.8	21.6	22.3	---	---	---	21.9	21.1	21.5
24	20.9	19.7	20.4	23.7	21.9	22.8	---	---	---	22.7	21.7	22.2
25	21.5	20.1	20.8	24.2	22.8	23.5	---	---	---	22.9	21.9	22.4
26	22.3	20.6	21.5	24.0	22.7	23.3	---	---	---	23.2	21.9	22.6
27	22.3	21.5	21.9	23.3	22.4	22.9	---	---	---	22.9	21.6	22.3
28	22.2	20.7	21.5	23.1	22.0	22.5	---	---	---	21.5	20.7	21.1
29	21.4	20.7	21.1	22.1	21.4	21.7	---	---	---	20.7	20.0	20.4
30	21.5	20.4	21.1	21.3	20.8	21.1	---	---	---	20.3	19.6	19.9
31	---	---	---	21.0	18.7	19.4	---	---	---	---	---	---
MONTH	23.5	17.1	21.0	24.2	18.7	22.5	24.3	18.7	21.4	23.7	19.6	21.1
YEAR	24.3	5.9	16.3									

02197321 X-004 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'37", long 81°45'38", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream wingwall of culvert, 100 ft southwest of TNX-Area, 900 ft upstream from mouth, 1500 ft west of SRP Rd. A-4.7 (River Road).

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Feb. 27, 1984, gage height, 1.60 ft; minimum daily, less than 0.01 ft³/s Dec. 24, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Feb. 27, 1984, gage height, 1.60 ft; minimum daily, less than 0.01 ft³/s Dec. 24, 1983.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	.07	.03	.03	.01	.01	.02	.05	.10	.10
2			---	.07	.02	.03	.01	.01	.02	.05	.10	.10
3			---	.06	.02	.01	.01	.01	.02	.05	.10	.10
4			---	.06	.01	.01	.01	.01	.02	.05	.10	.10
5			---	.04	.02	.02	.01	.01	.02	.10	.10	.10
6			---	.03	.02	.01	.01	.01	.04	.10	.10	.10
7			---	.02	.03	.01	.01	.01	.06	.10	.10	.03
8			---	.02	.03	.01	.01	.01	.07	.10	.10	.04
9			---	.01	.03	.01	.01	.01	.07	.10	.10	.04
10			---	.02	.02	.01	.01	.01	.07	.10	.10	.04
11			---	.02	.01	.08	.01	.01	.07	.10	.10	.04
12			---	.02	.01	.08	.01	.01	.08	.13	.10	.04
13			---	.03	.18	.08	.01	.01	.08	.10	.10	.04
14			---	.01	.02	.08	.01	.01	.07	.10	.10	.04
15			---	.01	.02	.01	.01	.01	.08	.10	.10	.04
16			.07	.02	.02	.01	.01	.01	.08	.10	.10	.04
17			.07	.01	.02	.01	.01	.01	.08	.10	.10	.04
18			.09	.03	.02	.01	.01	.01	.08	.10	.10	.04
19			.10	.03	.02	.01	.01	.01	.07	.13	.10	.04
20			.09	.07	.02	.01	.01	.01	.07	.10	.10	.04
21			.18	.03	.02	.01	.01	.02	.07	.10	.09	.04
22			.08	.08	.05	.01	.01	.03	.07	.10	.10	.04
23			.01	.03	.02	.01	.01	.03	.07	.10	.13	.04
24			.01	.05	.02	.01	.01	.02	.07	.10	.11	.04
25			.02	.02	.02	.01	.01	.02	.06	.10	.10	.04
26			.02	.02	.02	.01	.01	.03	.06	.11	.10	.04
27			.01	.03	.10	.01	.01	.03	.06	.10	.10	.04
28			.01	.02	.01	.01	.01	.02	.06	.13	.10	.04
29			.08	.02	.01	.01	.01	.02	.08	.10	.10	.03
30			.09	.01	---	.01	.01	.02	.06	.10	.10	.04
31			.09	.02	---	.01	---	.02	---	.10	.10	---
TOTAL			---	.98	.84	.64	.30	.46	1.83	3.00	3.13	1.54
MEAN			---	.03	.03	.02	.01	.01	.06	.10	.10	.05
MAX			---	.08	.18	.08	.01	.03	.08	.13	.13	.10
MIN			---	.01	.01	.01	.01	.01	.02	.05	.09	.03

02197325 D-006 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'12", long 81°44'38", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on downstream side of footbridge, 100 ft west of Area D, 1.0 mi south of intersection of SRP Road 3 and A-4.

PERIOD OF RECORD.--May 1984 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft (from topographic map).

REMARKS.--Records Good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, June 29, 1984, gage height, 5.06 ft; minimum daily, 0.34 ft³/s June 13, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, June 29, gage height, 5.06 ft; minimum daily, 0.34 ft³/s June 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								---	1.3	4.6	3.1	3.1
2								---	1.2	3.8	2.9	3.1
3								---	1.2	3.3	2.7	3.1
4								---	1.1	3.0	2.7	3.0
5								---	1.1	2.8	2.6	3.0
6								---	1.1	2.8	2.6	3.1
7								---	1.1	2.8	2.5	3.1
8								---	1.1	2.7	2.5	3.1
9								---	1.0	2.6	2.5	3.1
10								---	.99	2.6	2.8	3.1
11								---	.96	2.5	2.7	3.1
12								---	.97	2.5	2.5	3.1
13								---	.97	2.7	2.4	3.1
14								---	.97	2.6	2.4	3.2
15								---	.95	2.4	2.8	3.3
16								---	.94	2.4	2.5	3.1
17								---	.89	2.4	2.4	3.1
18								---	.84	2.4	2.4	3.1
19								---	1.1	3.5	2.5	3.1
20								---	1.3	2.7	2.5	3.1
21								---	1.5	2.6	2.4	3.1
22								---	1.7	2.5	2.5	3.1
23								1.1	1.7	2.5	3.2	3.1
24								1.0	1.6	2.4	3.3	3.1
25								.97	1.6	2.4	2.7	3.1
26								.99	1.6	2.6	2.7	3.1
27								.96	1.6	2.5	2.6	3.0
28								3.4	1.6	4.4	2.5	3.0
29								2.2	5.9	3.6	2.6	3.1
30								2.1	4.7	3.7	2.9	3.3
31								1.3	---	3.1	3.1	---
TOTAL								---	44.58	89.4	82.5	93.1
MEAN								---	1.49	2.88	2.66	3.10
MAX								---	5.9	4.6	3.3	3.3
MIN								---	.84	2.4	2.4	3.0

02197324 D-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'07", long 81°44'34", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at downstream end of pipe culvert, 60 ft southwest of Area D, 1.1 mi south of intersection of SRP Road 3 and A-4.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft (from topographic map).

REMARKS.--Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 29, 1984, gage height 4.41 ft; minimum daily, 0.04 ft^3/s May 24-27, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jun. 29, gage height, 4.41 ft; minimum daily, 0.04 ft^3/s May 24-27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	.10	.06	.10	.08	.08	.10	.10	.07	.09
2			---	.10	.06	.09	.08	.08	.10	.08	.06	.09
3			---	.10	.06	.09	.10	.12	.10	.07	.06	.08
4			---	.10	.06	.08	.10	.09	.09	.07	.06	.08
5			---	.10	.06	.10	.07	.08	.09	.08	.06	.08
6			---	.09	.06	.11	.07	.07	.08	.08	.06	.08
7			---	.08	.06	.08	.07	.07	.08	.08	.06	.08
8			---	.08	.07	.08	.07	.07	.08	.08	.06	.08
9			---	.08	.06	.08	.08	.07	.08	.07	.06	.08
10			---	.09	.06	.08	.07	.06	.08	.07	.07	.07
11			---	.08	.07	.08	.07	.06	.08	.07	.06	.07
12			---	.07	.07	.08	.06	.06	.09	.08	.06	.07
13			---	.07	.11	.11	.06	.06	.09	.07	.06	.07
14			---	.07	.07	.08	.09	.06	.09	.07	.06	.07
15			.07	.07	.07	.08	.11	.06	.09	.07	.06	.07
16			.07	.07	.07	.08	.11	.06	.09	.07	.06	.07
17			.07	.06	.07	.07	.12	.05	.09	.07	.06	.07
18			.07	.08	.08	.07	.11	.05	.09	.08	.06	.07
19			.07	.06	.08	.08	.11	.05	.09	.09	.07	.07
20			.07	.06	.08	.10	.13	.05	.09	.06	.06	.06
21			.08	.06	.08	.08	.09	.05	.10	.06	.06	.06
22			.08	.06	.11	.08	.10	.05	.10	.07	.06	.06
23			.07	.06	.07	.09	.13	.05	.10	.07	.08	.06
24			.07	.07	.08	.08	.10	.04	.10	.07	.07	.06
25			.09	.06	.08	.14	.10	.04	.11	.07	.06	.06
26			.10	.06	.09	.08	.10	.04	.11	.08	.06	.06
27			.10	.07	.16	.08	.12	.04	.10	.06	.06	.06
28			.10	.06	.10	.12	.08	.10	.10	.10	.06	.06
29			.09	.06	.10	.08	.08	.14	.20	.07	.07	.06
30			.08	.06	---	.08	.08	.11	.10	.08	.07	.07
31			.10	.06	---	.08	---	.10	---	.06	.09	---
TOTAL			---	2.29	2.25	2.71	2.74	2.11	2.89	2.30	1.97	2.11
MEAN			---	.07	.08	.09	.09	.07	.10	.07	.06	.07
MAX			---	.10	.16	.14	.13	.14	.20	.10	.09	.09
MIN			---	.06	.06	.07	.06	.04	.08	.06	.06	.06

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°11'12", long 81°45'05", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on downstream side of foot bridge near left bank, 1.0 mi downstream from Area 400-D.

DRAINAGE AREA.--0.73 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft (from topographic map).

REMARKS.--Records good. Flow regulated by Savannah River Plant operations 1.0 mi upstream.

AVERAGE DISCHARGE.--10 years, 86.1 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 224 ft³/s June 29, 1984, gage height, 3.38 ft; minimum daily, 27 ft³/s June 29, 30, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 224 ft³/s, June 29, gage height, 3.38 ft; minimum daily, 76 ft³/s Oct. 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	92	89	91	91	89	78	83	88	99	105	94
2	87	94	86	89	88	89	80	83	88	98	104	94
3	86	91	79	93	90	83	83	85	90	97	103	96
4	82	88	85	91	104	81	85	86	91	97	104	95
5	77	85	93	91	102	85	83	83	90	97	103	97
6	77	85	99	89	85	81	83	83	91	97	101	97
7	76	86	94	86	87	82	84	84	92	96	100	97
8	77	87	89	86	87	80	82	83	93	96	100	97
9	77	89	86	85	87	87	81	84	93	95	101	94
10	81	89	82	89	87	87	81	82	92	94	103	95
11	84	86	85	91	85	86	82	82	91	96	100	95
12	85	86	85	91	82	86	82	81	94	96	100	96
13	85	86	87	91	89	89	82	82	93	97	99	97
14	84	87	91	92	88	87	83	83	93	95	98	97
15	82	85	90	90	88	86	85	84	94	95	98	96
16	81	80	91	87	86	85	86	83	95	95	100	95
17	81	85	92	88	86	85	85	83	93	95	98	95
18	81	87	91	90	84	84	85	84	91	97	95	95
19	82	91	88	92	82	83	83	85	95	104	95	96
20	84	89	91	91	79	84	89	84	97	103	93	97
21	84	90	89	91	81	82	87	81	103	101	90	96
22	86	98	92	88	82	81	88	81	99	99	92	95
23	87	97	93	87	86	80	92	82	96	97	94	94
24	86	96	92	100	84	79	87	82	95	97	98	95
25	88	96	91	92	84	86	86	81	95	97	95	95
26	80	98	92	93	83	84	86	81	96	98	97	95
27	78	97	92	97	92	82	88	86	96	97	95	95
28	77	95	93	94	86	85	86	92	97	104	95	95
29	77	99	95	92	90	84	86	96	114	103	96	95
30	78	93	93	92	---	83	84	93	100	102	97	94
31	92	---	92	92	---	85	---	87	---	106	94	---
TOTAL	2547	2707	2787	2811	2525	2610	2532	2609	2835	3040	3043	2864
MEAN	82.2	90.2	89.9	90.7	87.1	84.2	84.4	84.2	94.5	98.1	98.2	95.5
MAX	92	99	99	100	104	89	92	96	114	106	105	97
MIN	76	80	79	85	79	79	78	81	88	94	90	94

CAL YR 1983	TOTAL	32352	MEAN	88.6	MAX	105	MIN	27
WTR YR 1984	TOTAL	32910	MEAN	89.9	MAX	114	MIN	76

021973765 (Revised) BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'57", long 81°45'55", Barnwell County, hydrologic Unit 03060106, on left bank 6.1 mi downstream from Upper Three Runs, 10.5 mi upstream from Steel Creek and at mile 152.1.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 34.2°C Aug. 23, 1983; minimum, 5.9°C Jan 23, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 34.0°C July 11, 12; minimum, 5.9°C Jan 23.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	25.5	26.3	24.1	23.0	23.6	20.3	18.9	19.6	15.4	13.4	14.4
2	28.0	26.0	27.1	23.5	22.4	23.1	20.5	18.9	19.6	16.4	14.5	15.5
3	28.3	26.9	27.8	23.8	22.1	23.0	24.3	20.8	22.6	17.5	16.2	16.8
4	29.5	28.2	29.2	24.6	23.6	24.1	24.5	23.1	24.0	17.7	15.6	16.7
5	30.2	28.7	29.6	24.3	22.9	23.8	23.5	21.7	22.7	19.3	17.7	18.5
6	29.5	27.1	28.4	22.9	21.6	22.4	23.9	21.3	23.3	19.9	18.1	19.0
7	27.9	26.5	27.3	22.4	21.8	22.1	20.9	14.4	18.4	19.8	18.7	19.3
8	26.9	26.4	26.5	22.8	21.9	22.3	14.2	13.2	13.5	19.5	17.8	18.8
9	27.6	26.4	27.2	23.4	22.1	22.9	15.8	13.0	14.4	20.2	18.1	19.2
10	---	---	---	24.4	23.4	23.9	18.6	15.3	16.8	21.6	20.1	20.8
11	---	---	---	23.4	20.7	21.7	21.2	18.6	20.1	21.3	18.0	19.5
12	---	---	---	20.6	19.3	20.0	21.7	20.7	21.2	17.9	8.0	10.8
13	---	---	---	20.0	18.7	19.3	21.2	20.1	20.7	8.1	7.6	7.8
14	---	---	---	18.9	17.3	18.3	21.2	20.1	20.7	8.0	7.4	7.6
15	---	---	---	21.5	18.7	20.3	20.8	19.8	20.6	12.2	8.7	10.4
16	---	---	---	21.0	19.0	20.0	19.7	18.7	19.3	15.5	12.3	13.8
17	---	---	---	19.0	17.9	18.6	19.7	18.2	18.9	17.4	15.6	16.7
18	---	---	---	19.7	17.5	18.6	19.2	18.6	18.8	16.9	10.8	13.0
19	25.1	22.9	24.4	21.3	18.5	19.8	19.5	18.3	18.9	10.8	9.1	9.9
20	26.1	24.8	25.4	22.1	21.2	21.5	19.4	18.1	18.8	9.1	8.2	8.6
21	25.8	25.1	25.4	21.0	19.8	20.4	17.9	15.2	16.9	8.2	7.3	7.7
22	25.0	24.4	24.7	20.1	18.0	19.2	17.5	16.2	16.7	7.3	6.7	7.1
23	26.5	24.6	25.5	22.9	19.5	20.8	18.7	17.4	18.1	8.0	5.9	6.7
24	25.5	24.1	24.7	24.3	22.5	23.7	18.6	14.1	16.8	9.1	7.1	7.9
25	24.6	23.3	24.0	22.3	19.6	20.6	13.8	12.0	12.6	8.0	7.4	7.8
26	24.4	23.4	24.0	19.8	18.1	19.1	12.1	10.9	11.5	8.2	7.9	8.0
27	23.5	21.9	22.6	22.7	19.0	20.5	13.7	11.0	12.1	8.5	8.1	8.3
28	23.2	21.3	22.4	23.8	22.3	23.0	17.5	13.7	15.5	8.8	8.3	8.6
29	24.1	21.9	23.0	22.1	19.2	20.5	17.6	17.0	17.3	8.8	8.4	8.7
30	23.7	23.2	23.4	19.3	17.8	18.7	16.8	14.8	15.9	13.9	9.9	12.1
31	23.8	22.7	23.2	---	---	---	14.6	13.3	14.0	13.7	12.2	13.0
MONTH	30.2	21.3	25.5	24.6	17.3	21.0	24.5	10.9	18.0	21.6	5.9	12.5

021973265 (Revised) BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	8.4	9.2	8.1	7.6	7.9	20.4	15.9	18.1	17.1	16.3	16.7
2	9.5	9.0	9.2	8.6	7.8	8.2	22.6	19.7	20.6	17.1	16.3	16.7
3	8.9	8.2	8.5	9.4	8.5	8.9	22.1	21.0	21.6	16.7	16.1	16.4
4	15.0	8.7	10.6	10.0	9.1	9.5	22.7	21.8	22.2	15.6	15.8	16.2
5	14.6	12.9	13.6	10.4	9.8	10.0	21.9	20.2	21.2	17.4	16.6	17.1
6	13.2	11.2	12.2	10.4	10.2	10.3	20.8	13.4	14.5	18.2	17.4	17.9
7	12.5	10.8	11.6	10.3	10.1	10.3	19.7	13.8	17.5	18.0	17.7	17.8
8	12.8	10.7	11.7	10.3	9.8	10.1	22.5	19.0	20.8	17.7	17.4	17.6
9	13.9	11.0	12.3	10.3	10.0	10.2	22.6	21.8	22.2	17.4	16.7	17.1
10	16.0	12.5	14.1	10.0	9.5	9.8	21.7	19.5	20.3	16.7	16.3	16.6
11	18.3	15.2	16.7	10.0	9.5	9.8	21.8	18.9	20.1	17.0	16.4	16.7
12	20.3	17.7	19.0	10.5	9.7	10.1	22.1	18.7	20.3	17.4	16.7	17.1
13	20.6	18.2	19.7	10.7	10.4	10.5	24.6	20.7	22.4	18.3	17.2	17.7
14	18.8	17.7	18.3	10.7	10.3	10.5	26.0	22.6	24.2	18.7	18.0	18.4
15	15.4	10.7	11.4	11.5	10.6	11.0	25.0	23.3	24.2	19.0	17.7	18.5
16	11.6	10.9	11.3	12.0	11.3	11.7	23.8	22.1	23.0	17.7	16.8	17.3
17	11.4	10.6	11.0	12.2	11.9	12.1	22.7	21.5	22.2	17.5	16.4	16.9
18	10.8	10.1	10.5	12.8	12.1	12.4	23.0	20.3	21.7	17.4	16.4	16.9
19	15.5	10.7	12.6	15.7	12.8	13.7	22.6	20.8	21.8	17.9	16.6	17.2
20	16.4	15.1	15.7	19.2	15.9	17.8	23.7	20.9	22.2	24.4	18.2	21.4
21	16.2	11.0	12.9	18.5	16.0	17.2	23.0	13.7	15.0	27.9	23.7	25.7
22	11.1	9.6	10.0	18.3	13.4	16.3	15.0	14.2	14.6	29.9	27.7	28.8
23	9.7	9.3	9.5	18.3	15.2	16.8	15.2	14.7	15.0	29.5	28.3	29.0
24	9.4	8.7	9.1	19.2	15.9	17.6	15.1	14.4	14.8	29.6	27.8	28.8
25	10.2	9.4	9.8	19.9	17.7	18.8	15.4	14.5	15.0	29.7	27.2	28.6
26	10.2	9.9	10.1	18.7	16.6	17.7	16.4	15.4	15.9	30.4	28.7	29.2
27	10.3	10.2	10.2	19.3	16.7	17.9	16.1	15.6	15.9	30.1	28.6	29.4
28	10.3	8.4	9.6	23.5	19.3	21.3	15.6	15.3	15.4	29.4	27.4	28.4
29	8.4	8.0	8.2	21.8	14.3	17.7	16.0	15.3	15.7	28.6	27.1	28.0
30	---	---	---	14.4	13.8	14.2	16.6	15.9	16.3	25.9	25.0	25.7
31	---	---	---	16.4	13.8	14.6	---	---	---	25.2	22.7	24.1
MONTH	20.6	8.0	12.0	23.5	7.6	13.0	26.0	13.4	19.0	30.4	15.8	21.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.9	23.1	24.9	31.0	28.9	29.9	20.1	19.4	19.8	32.4	30.5	31.5
2	29.0	25.1	27.1	30.5	29.4	29.9	20.7	19.8	20.3	32.4	30.7	31.6
3	30.6	27.1	28.9	30.6	28.9	29.8	21.1	20.4	20.8	32.7	30.8	31.8
4	31.4	28.5	30.0	32.3	30.0	31.1	21.4	20.4	21.0	32.1	31.0	31.6
5	32.1	29.3	30.7	32.6	30.7	31.7	21.7	21.1	21.4	31.3	29.4	30.1
6	32.2	30.2	31.2	32.6	30.5	31.6	21.7	21.2	21.5	29.3	27.9	28.7
7	32.0	29.9	31.0	32.8	31.0	31.8	21.9	21.3	21.6	28.9	27.2	28.1
8	31.4	29.1	30.3	32.4	30.9	31.6	22.2	21.6	21.9	28.7	26.7	27.8
9	31.2	28.9	30.1	32.7	30.9	31.8	22.4	21.8	22.1	28.9	27.7	28.4
10	31.6	28.9	30.3	33.5	30.9	32.2	22.5	21.9	22.2	29.5	28.6	29.1
11	32.4	29.6	31.1	34.0	31.7	32.9	23.1	22.4	22.8	30.8	28.9	29.8
12	32.6	30.7	31.6	34.0	31.9	32.9	23.5	22.9	23.2	31.8	29.5	30.7
13	32.2	30.5	31.3	33.1	31.5	32.4	23.9	23.5	23.7	31.8	30.2	31.0
14	32.2	29.7	31.0	32.7	31.6	32.1	24.0	23.7	23.9	32.0	30.0	31.0
15	32.3	30.2	31.2	33.1	31.1	32.1	23.7	22.7	23.2	32.4	30.7	31.5
16	32.5	30.3	31.4	33.3	31.5	32.4	23.9	22.8	23.3	31.1	28.0	29.1
17	32.7	30.3	31.5	33.3	31.7	32.4	23.8	22.8	23.3	27.9	26.6	27.2
18	33.1	30.5	31.8	31.6	29.9	30.6	28.5	23.7	26.0	28.0	26.6	27.3
19	33.7	31.1	32.4	30.5	29.1	29.8	30.3	25.2	29.3	28.1	26.4	27.3
20	33.5	31.9	32.8	30.1	28.8	29.4	31.5	29.3	30.3	28.1	25.7	27.0
21	32.4	30.9	31.5	31.3	29.5	30.4	31.0	29.9	30.5	28.7	26.2	27.5
22	30.9	30.0	30.5	31.6	30.3	30.9	31.0	29.4	30.2	29.6	27.4	28.5
23	31.3	29.3	30.4	32.0	30.5	31.3	32.3	30.2	31.1	31.2	21.5	25.7
24	31.7	29.9	30.9	33.1	30.9	32.1	31.2	29.6	30.4	30.8	22.0	27.5
25	32.5	30.5	31.5	33.6	31.9	32.8	31.2	29.3	30.4	30.9	29.2	30.1
26	32.4	30.5	31.5	33.8	31.8	32.7	31.0	30.2	30.6	31.2	29.0	30.2
27	31.3	30.5	30.9	31.9	30.7	31.4	31.0	29.9	30.4	30.7	28.1	29.5
28	32.1	30.2	31.1	31.4	29.0	30.3	31.5	29.8	30.7	27.9	26.2	26.7
29	31.1	29.2	30.3	29.2	28.6	28.9	31.4	30.3	30.9	27.5	25.3	26.4
30	30.6	29.1	29.7	28.9	28.0	28.5	32.0	30.0	31.0	27.1	25.5	26.4
31	---	---	---	28.3	19.4	20.9	32.4	30.8	31.6	---	---	---
MONTH	33.7	23.1	30.5	34.0	19.4	31.0	32.4	19.4	26.0	32.7	21.5	29.0
YEAR	34.0	5.9	21.5									

02197328 FOUR MILE CREEK NEAR JACKSON, SC

LOCATION.--Lat 33°08'52", long 81°45'01", Barnwell County, Hydrologic Unit 03060106, on left bank 7.6 mi downstream from Upper Three Runs 9.0 mi upstream from Steel Creek at mile 150.6.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 46.8°C Aug. 22, 1983; minimum, 4.1°C Dec. 21, 1981.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 45.2°C June 19; minimum, 5.3°C Feb. 7, 8.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	33.8	32.2	33.0	30.8	29.3	30.0	26.2	24.1	24.9
2	---	---	---	33.8	32.0	32.9	31.3	29.4	30.3	27.1	25.2	26.1
3	---	---	---	33.5	31.9	32.8	33.4	31.1	32.1	27.1	19.2	24.3
4	---	---	---	33.3	32.7	33.0	33.3	31.4	32.1	26.4	19.2	23.1
5	---	---	---	33.0	31.3	32.0	32.4	30.6	31.5	28.3	26.5	27.4
6	---	---	---	32.1	30.1	31.2	32.3	20.2	23.6	28.5	27.3	27.9
7	---	---	---	31.9	30.9	31.4	19.9	15.8	17.8	28.7	27.7	28.3
8	---	---	---	32.3	31.4	31.8	15.7	14.4	14.9	28.5	27.1	27.9
9	---	---	---	32.6	31.7	32.1	18.8	14.4	16.0	29.3	27.6	28.4
10	---	---	---	33.3	32.6	32.9	28.4	19.3	24.5	29.8	28.3	29.2
11	---	---	---	32.4	29.7	30.6	29.7	28.4	29.1	29.7	26.5	27.9
12	---	---	---	30.7	28.7	29.6	30.0	29.1	29.6	26.5	11.6	16.3
13	---	---	---	30.8	29.2	30.0	29.7	28.8	29.3	11.5	9.6	10.4
14	---	---	---	30.7	28.8	29.8	29.4	28.6	29.0	9.6	8.5	9.1
15	---	---	---	31.4	30.0	30.7	29.6	29.1	29.4	14.1	8.5	10.2
16	---	---	---	30.5	28.2	29.2	28.9	21.7	26.6	16.3	14.3	15.0
17	---	---	---	30.0	27.7	28.7	21.5	17.6	19.5	14.8	10.5	12.1
18	---	---	---	31.1	28.2	29.6	27.0	17.7	22.4	10.4	10.3	10.4
19	30.2	25.1	28.0	32.2	29.1	30.5	28.5	27.1	27.7	10.4	9.8	10.2
20	32.6	30.3	31.1	31.9	30.4	31.3	28.5	27.5	27.9	9.7	8.5	9.0
21	32.4	31.5	31.8	31.4	29.3	30.3	27.4	25.8	26.4	8.5	7.9	8.2
22	32.0	31.2	31.6	32.3	29.4	30.8	27.2	25.8	26.5	7.9	7.4	7.6
23	33.7	31.9	32.8	33.1	30.4	31.8	27.3	21.2	24.7	7.3	6.8	7.1
24	33.6	32.2	33.0	33.0	30.8	32.4	25.6	21.5	24.6	9.1	7.0	8.0
25	33.7	31.8	32.8	30.6	27.5	28.7	23.4	22.1	22.8	12.4	9.5	11.5
26	33.8	32.4	33.1	28.3	19.3	23.2	23.1	12.0	16.7	11.8	10.4	11.5
27	32.8	31.1	32.1	32.5	26.9	30.4	12.9	12.0	12.4	12.7	8.0	10.0
28	33.0	31.0	32.0	32.5	31.2	32.3	21.7	12.9	16.4	8.6	8.1	8.3
29	34.0	31.4	32.6	31.0	28.8	29.5	26.0	22.4	25.3	8.6	8.3	8.4
30	33.6	32.1	32.6	30.3	27.8	29.0	25.8	24.7	25.1	13.3	8.7	10.1
31	33.3	31.7	32.4	---	---	---	24.6	22.3	23.7	13.6	10.2	11.5
MONTH	34.0	25.1	32.0	33.8	19.3	30.5	33.4	12.0	25.0	29.8	6.8	16.0

02197328 FOUR MILE CREEK NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.6	9.4	9.7	7.8	7.4	7.6	31.4	15.2	23.6	17.0	16.3	16.7
2	12.2	9.6	10.4	8.3	7.6	7.9	35.2	25.7	31.0	17.1	16.3	16.7
3	9.8	8.9	9.4	9.2	8.3	8.7	25.6	22.2	23.1	16.7	16.1	16.4
4	13.1	9.4	10.9	9.7	9.0	9.3	22.6	21.7	22.3	16.7	15.7	16.2
5	12.8	10.7	11.4	10.2	9.7	9.9	21.7	16.8	20.5	17.3	16.5	17.0
6	10.7	6.9	8.6	10.3	10.1	10.2	16.4	14.5	14.9	18.1	17.3	17.8
7	8.5	5.3	7.0	10.2	9.9	10.1	20.4	15.0	18.1	18.1	17.8	17.9
8	8.6	5.3	7.0	10.1	9.6	9.8	31.3	20.5	23.1	17.8	17.5	17.7
9	9.8	5.6	7.6	10.2	9.8	10.0	33.6	30.2	32.8	17.5	16.6	17.0
10	12.4	8.3	9.7	9.8	9.3	9.6	29.9	20.9	26.0	16.6	16.2	16.4
11	14.5	11.3	12.5	9.8	9.3	9.6	20.7	14.9	17.9	16.8	16.2	16.5
12	15.7	12.9	14.0	10.2	9.6	9.9	16.2	14.6	15.2	17.3	16.6	17.0
13	15.4	14.5	15.0	10.5	10.2	10.4	18.9	16.4	17.9	18.2	17.2	17.6
14	16.3	14.1	15.1	10.6	10.1	10.4	20.6	19.0	20.0	18.6	18.0	18.3
15	15.4	9.5	11.4	11.4	10.4	10.9	26.9	20.8	22.9	18.9	17.7	18.6
16	10.3	9.7	10.0	12.0	11.3	11.6	35.0	27.3	32.9	17.6	16.8	17.2
17	10.2	9.1	9.7	12.1	11.9	12.0	32.7	24.5	28.3	17.4	16.3	16.9
18	9.3	8.7	9.0	12.6	12.0	12.3	25.9	23.2	24.6	17.3	16.3	16.8
19	12.4	9.3	11.0	14.6	12.6	13.4	31.4	26.2	28.0	17.7	16.5	17.0
20	13.6	12.5	13.2	16.8	14.4	15.7	28.5	16.8	23.9	32.2	17.7	22.5
21	13.2	11.0	12.0	16.8	13.9	15.6	16.5	14.9	15.3	40.5	32.7	36.8
22	10.9	9.8	10.3	16.5	12.4	14.6	15.0	14.6	14.8	41.3	37.8	39.4
23	9.8	8.8	9.3	18.4	13.0	15.6	15.1	14.6	14.9	40.6	38.3	39.3
24	9.0	8.2	8.7	19.4	13.5	16.4	15.1	14.3	14.7	40.6	37.6	39.0
25	9.9	9.0	9.5	19.9	16.0	17.8	15.3	14.4	14.9	42.5	37.2	39.7
26	9.9	9.5	9.8	19.0	15.3	17.2	16.4	15.3	15.8	41.3	38.4	39.6
27	9.9	9.8	9.9	23.6	15.8	18.7	16.0	15.6	15.8	41.4	37.9	39.7
28	10.0	8.2	9.2	25.9	20.6	23.5	15.6	15.2	15.4	40.4	37.6	39.0
29	8.2	7.8	8.0	21.7	14.9	18.4	16.0	15.3	15.7	37.7	35.6	36.7
30	---	---	---	14.8	13.8	14.3	16.6	15.8	16.3	35.4	27.4	32.3
31	---	---	---	15.3	13.8	14.3	---	---	---	37.1	31.0	34.0
MONTH	16.3	5.3	10.5	25.9	7.4	13.0	35.2	14.3	20.5	42.5	15.7	24.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	35.6	27.5	31.1	42.1	37.0	39.1	20.1	19.4	19.8	43.2	39.0	40.9
2	36.5	30.0	33.3	39.2	37.4	38.4	20.7	19.7	20.2	42.8	39.0	40.8
3	43.1	32.1	39.2	41.1	37.1	39.1	21.1	20.4	20.7	42.7	38.9	40.7
4	44.7	38.4	41.3	40.5	36.6	38.8	21.4	20.4	20.9	42.2	39.0	40.6
5	44.8	39.1	41.8	43.2	39.3	41.1	21.7	21.1	21.4	40.6	38.4	39.3
6	41.5	32.8	37.3	43.3	38.9	41.0	21.8	21.2	21.5	38.8	32.4	36.3
7	32.7	30.5	31.3	43.0	39.2	40.9	22.0	21.3	21.7	39.6	36.6	38.2
8	31.9	30.1	31.1	43.3	39.2	41.0	22.3	21.6	21.9	39.1	35.6	37.4
9	33.2	30.1	31.0	44.1	38.9	41.2	22.4	21.8	22.1	38.4	36.7	37.6
10	43.8	34.5	40.6	44.5	38.9	41.4	22.5	22.0	22.3	38.7	37.1	37.9
11	44.0	38.9	41.3	44.5	39.6	41.9	23.1	22.3	22.7	41.5	37.8	39.5
12	42.7	35.2	39.5	44.4	39.4	41.7	23.3	22.9	23.1	43.0	33.7	38.9
13	34.7	30.4	32.8	43.1	38.6	40.8	23.5	23.2	23.4	33.4	31.2	31.9
14	31.2	29.4	30.4	42.8	39.6	41.0	23.7	23.4	23.5	41.9	30.9	33.7
15	30.1	28.1	29.3	44.0	39.3	41.4	23.7	22.9	23.3	42.7	39.3	40.3
16	30.0	27.9	28.9	43.2	39.1	41.1	24.2	23.3	23.6	39.6	35.8	36.7
17	44.1	30.6	40.3	43.2	39.6	41.1	24.0	23.2	23.6	37.2	34.7	36.0
18	44.4	39.1	41.6	40.3	38.3	39.2	29.5	24.2	26.9	39.1	35.0	36.9
19	45.2	39.5	42.3	40.0	37.3	38.6	40.0	29.9	35.9	39.8	36.0	37.8
20	43.9	37.3	40.5	38.3	29.5	33.9	39.6	37.0	38.3	40.3	35.4	37.8
21	40.3	32.6	36.6	41.4	31.5	38.6	40.4	37.1	38.6	40.7	35.9	38.3
22	39.2	33.1	37.3	41.6	38.6	40.0	40.3	38.0	39.2	41.4	37.2	39.1
23	42.7	38.9	40.5	42.4	38.7	40.4	43.2	36.7	40.4	41.4	37.5	39.4
24	43.3	38.9	41.0	44.4	39.4	41.6	41.9	37.5	39.5	42.0	38.4	40.1
25	44.4	39.8	41.8	44.0	40.1	42.0	42.0	37.8	39.9	42.2	38.3	40.1
26	43.8	39.3	41.5	43.8	39.9	41.6	40.6	38.5	39.5	42.3	38.1	40.1
27	41.0	39.3	40.2	41.7	38.1	39.8	41.1	38.5	39.6	40.5	36.4	38.2
28	43.4	39.8	41.2	41.6	37.4	39.3	42.2	38.0	40.0	36.2	34.3	35.3
29	41.2	36.1	39.2	37.1	35.9	36.3	41.6	39.1	40.3	38.8	33.7	35.9
30	39.6	35.9	37.7	37.4	24.9	33.1	42.1	39.0	40.5	37.3	34.8	36.0
31	---	---	---	23.9	19.5	21.1	43.2	39.1	41.1	---	---	---
MONTH	45.2	27.5	37.5	44.5	19.5	39.0	43.2	19.4	29.5	43.2	30.9	38.0
YEAR	45.2	5.3	26.0									

02197330 SITE NO. 1 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'00", long 81°39'00", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, at pipe culvert 100 ft above Road E, 2,000 ft southwest of H Area.

DRAINAGE AREA.--0.13 mi^2.

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft (from topographic map).

REMARKS.--Records good, except those for periods when discharge was over 25 ft^3/s which are undefined, and for periods of no gage-height record, Nov. 17 to Dec. 2, Dec. 28 to Jan. 5, Jan. 27 to Feb. 2, Feb. 18 to Mar. 5, which are poor. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--12 years, 1.42 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jan. 19, 1978, gage height, 7.82 ft; minimum daily, 0.07 ft^3/s Sept. 6, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Aug. 19, gage height, 5.70 ft; minimum daily, 0.55 ft^3/s Mar. 26, July 16, Aug. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.81	1.0	1.0	1.2	.80	1.6	.81	1.4	1.5	1.9	1.4	1.3
2	1.2	1.7	2.1	1.2	1.5	1.6	.90	1.8	1.4	1.1	1.9	1.3
3	1.2	1.2	1.6	1.1	1.3	1.5	2.0	2.6	1.2	1.1	.98	1.3
4	1.2	1.8	2.0	1.6	1.5	1.5	1.8	2.8	1.5	1.1	1.3	1.4
5	1.2	1.3	1.3	.70	1.2	2.1	.89	1.2	1.3	1.0	.89	1.5
6	1.2	1.3	2.5	1.3	1.2	2.3	1.4	1.1	1.4	.65	1.2	1.3
7	1.6	1.4	1.2	.89	1.1	1.3	1.0	3.5	1.1	1.1	1.7	1.1
8	.88	1.7	.97	.67	1.9	1.5	.83	1.3	1.9	1.1	1.7	1.3
9	1.5	1.3	.65	.97	1.5	1.5	1.2	.83	1.5	.96	1.2	.74
10	.87	1.4	.97	1.3	1.5	1.6	1.2	1.2	1.5	1.3	2.5	1.8
11	1.7	1.5	1.9	.80	1.5	1.1	1.1	1.2	1.6	.65	1.4	1.4
12	1.5	1.4	1.7	1.1	1.2	1.2	1.2	1.2	1.1	1.3	1.7	1.5
13	1.5	1.6	1.6	.87	4.0	2.3	1.3	1.1	1.9	.59	1.6	1.6
14	1.1	2.1	1.5	.88	1.9	1.3	1.5	1.2	1.4	1.3	1.7	1.8
15	1.0	2.2	1.6	.84	1.2	1.1	1.4	1.1	2.1	.87	1.3	2.0
16	1.0	1.8	1.4	.66	1.7	1.1	1.0	1.3	1.8	.55	1.4	.96
17	1.6	1.0	1.8	1.2	1.2	1.2	1.5	1.3	1.2	1.3	1.3	1.2
18	1.4	1.4	1.3	1.9	.97	.96	1.6	1.2	1.9	1.7	1.9	1.5
19	1.7	2.3	1.5	1.2	1.1	.93	1.4	1.2	1.5	1.4	3.5	1.4
20	2.0	2.4	1.6	.73	1.0	2.2	2.0	1.2	2.2	1.4	1.7	1.0
21	2.1	2.1	1.7	1.6	1.1	1.1	.77	1.1	2.6	1.1	1.4	1.4
22	2.0	1.6	1.6	.70	1.5	.96	2.0	1.1	1.8	1.3	1.4	1.3
23	3.0	1.5	1.1	1.4	1.7	.98	2.7	1.7	1.9	1.3	1.8	.99
24	2.1	1.5	1.2	1.9	1.5	1.1	1.2	1.2	1.2	.72	1.8	1.3
25	2.3	1.6	1.0	1.1	1.1	2.2	1.2	1.6	1.3	.99	1.5	1.2
26	1.7	1.7	1.0	1.8	1.0	.55	1.2	1.6	1.5	1.0	.55	1.3
27	1.5	1.6	1.0	2.0	4.1	.93	3.1	1.9	1.9	1.1	1.9	.88
28	1.1	1.7	1.2	1.0	3.0	2.4	1.2	3.6	.64	2.9	1.3	1.3
29	1.3	1.5	1.4	.92	2.0	1.0	1.3	3.4	2.6	1.6	1.5	1.0
30	1.6	1.3	1.0	.88	---	.86	1.7	2.0	1.2	2.1	1.6	1.9
31	1.2	---	1.0	.84	---	.87	---	2.0	---	1.3	1.4	---
TOTAL	46.06	47.9	43.39	35.25	46.27	42.84	42.40	50.93	47.64	37.78	48.42	40.07
MEAN	1.49	1.60	1.40	1.14	1.60	1.38	1.41	1.64	1.59	1.22	1.56	1.34
MAX	3.0	2.4	2.5	2.0	4.1	2.4	3.1	3.6	2.6	2.9	3.5	2.0
MIN	.81	1.0	.65	.66	.80	.55	.77	.83	.64	.55	.55	.74

CAL YR 1983	TOTAL	467.39	MEAN	1.28	MAX	3.2	MIN	.39
WTR YR 1984	TOTAL	528.95	MEAN	1.45	MAX	4.1	MIN	.55

02197332 SITE NO. 2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'50", long 81°39'00", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on woods road 300 ft south of SRP Road E and 2,700 ft southwest of H Area.

DRAINAGE AREA.--0.30 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 250 ft (from topographic map).

REMARKS.--Records good, except those for periods when discharge was over 16 ft³/s, which are undefined and periods of doubtful gage-height record, Jan. 28 to Feb. 2 and Feb. 13-24, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--12 years, 1.68 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 27, 1974, gage height, 9.61 ft; minimum daily, 0.24 ft³/s Dec. 2, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, July 28, gage height, 7.93 ft; minimum daily, 0.61 ft³/s Jan. 20, Feb. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.9	2.3	1.5	1.4	2.3	1.5	1.6	1.5	1.9	2.9	.87
2	1.9	1.9	2.4	1.7	.93	2.3	1.4	2.0	1.3	2.0	2.5	.71
3	2.0	2.1	2.4	1.6	.91	2.0	2.6	3.1	1.3	1.3	2.5	.64
4	2.0	2.1	2.7	1.5	.99	1.9	2.8	5.6	1.1	1.3	1.7	.73
5	2.0	2.2	2.3	1.2	.89	2.3	2.0	1.6	1.1	1.2	1.5	1.2
6	1.8	1.8	3.0	2.0	1.6	3.3	1.8	1.2	1.1	1.2	1.4	2.1
7	2.0	2.1	2.1	1.6	2.2	2.2	1.7	8.7	1.1	1.4	1.2	2.1
8	2.1	2.3	1.9	1.2	2.1	1.7	1.6	2.2	.98	1.2	.88	1.6
9	2.1	2.1	1.7	1.2	2.7	1.5	1.8	1.8	1.0	1.2	.96	1.3
10	1.8	2.1	1.7	1.9	1.9	1.4	1.6	1.5	1.1	1.2	1.2	1.4
11	1.9	1.9	2.0	1.3	.75	1.3	1.3	1.4	1.0	1.3	2.5	1.4
12	2.2	2.0	1.9	1.6	.61	1.2	1.2	1.3	.93	1.3	2.5	1.5
13	2.1	2.4	2.0	1.6	3.1	3.1	1.3	1.1	1.0	1.2	1.8	1.5
14	2.0	2.4	1.9	1.7	2.0	1.7	1.7	1.0	.94	1.2	1.4	1.6
15	2.2	3.1	1.8	1.7	2.2	1.4	1.6	.98	.89	1.2	1.3	1.4
16	2.0	2.3	1.6	1.8	1.8	1.2	1.3	.93	.98	1.2	1.2	1.2
17	1.9	2.4	1.7	1.8	1.6	1.2	1.1	1.0	.96	1.3	1.2	1.3
18	1.9	2.3	1.8	2.3	1.7	1.3	1.2	1.0	.96	1.8	1.3	1.2
19	1.9	2.2	1.6	1.6	2.0	1.2	1.1	1.0	.93	1.7	2.3	1.4
20	1.8	3.1	1.6	.61	3.0	2.0	2.0	.99	1.2	1.3	3.0	1.2
21	1.9	2.3	1.9	1.3	2.8	1.9	1.4	.90	1.8	1.6	.82	1.4
22	2.0	1.8	1.8	1.6	2.0	1.4	1.9	1.1	1.7	1.3	.65	1.5
23	3.2	1.8	1.7	1.5	2.2	1.3	2.9	1.9	1.2	1.2	.69	1.2
24	2.1	2.9	1.7	1.1	1.6	1.2	1.4	1.6	.98	1.2	1.1	.98
25	2.0	2.8	2.8	1.0	1.4	4.2	1.4	1.3	.88	1.3	.75	1.0
26	1.9	2.2	3.8	.62	1.2	1.7	1.3	1.7	.86	1.5	.81	1.1
27	2.1	2.3	3.2	1.8	4.8	1.4	3.5	1.9	1.7	1.4	.76	1.2
28	2.2	2.2	2.2	2.0	3.4	2.8	3.2	4.8	1.2	4.6	1.6	1.3
29	1.9	2.3	2.1	1.7	2.4	1.9	2.0	4.1	3.5	6.8	1.3	1.3
30	1.8	2.4	.75	1.6	---	1.4	1.7	3.2	2.1	6.4	.90	1.7
31	1.9	---	2.0	1.6	---	1.3	---	1.8	---	4.7	.76	---
TOTAL	62.5	67.7	64.35	47.23	56.18	57.0	53.3	64.30	37.29	59.4	45.38	39.03
MEAN	2.02	2.26	2.08	1.52	1.94	1.84	1.78	2.07	1.24	1.92	1.46	1.30
MAX	3.2	3.1	3.8	2.3	4.8	4.2	3.5	8.7	3.5	6.8	3.0	2.1
MIN	1.8	1.8	.75	.61	.61	1.2	1.1	.90	.86	1.2	.65	.64

CAL YR 1983 TOTAL 905.25 MEAN 2.48 MAX 7.2 MIN .75
WTR YR 1984 TOTAL 653.66 MEAN 1.79 MAX 8.7 MIN .61

02197334 SITE NO. 3 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'31", long 81°39'12", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Four Mile Creek at right bank on downstream side of bridge on SRP Road 4, 0.8 mi southwest of H Area.

DRAINAGE AREA.--5.95 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 205 ft (from topographic map).

REMARKS.--Records good, except those for periods of no gage-height record, May 3-15 and Sept. 5-30, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--12 years, 7.95 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 149 ft³/s Feb. 24, 1979, gage height, 3.67 ft; minimum daily, 0.61 ft³/s June 6, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 148 ft³/s, Aug. 19, gage height, 4.14 ft; minimum daily, 3.5 ft³/s Nov. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	3.5	4.4	6.3	7.7	13	14	17	15	18	14	5.9
2	3.8	3.9	5.3	6.3	7.9	13	13	16	13	25	17	5.4
3	3.8	3.8	5.8	6.8	7.2	11	24	24	11	12	17	5.3
4	3.7	4.4	10	6.1	7.3	10	30	80	10	9.7	11	5.1
5	3.7	4.8	7.0	5.7	6.8	14	35	30	9.0	7.9	8.8	5.6
6	3.6	3.9	13	7.0	7.2	22	22	20	8.5	7.5	8.0	6.0
7	3.9	4.1	8.7	6.2	7.5	17	17	100	7.9	7.5	7.5	6.0
8	3.7	4.4	6.3	5.3	8.1	13	15	40	7.9	6.6	6.9	5.8
9	4.0	3.9	6.2	5.5	8.5	12	17	20	7.4	5.7	6.3	4.7
10	3.7	4.0	6.2	9.2	7.5	11	16	17	7.1	5.8	7.9	5.0
11	3.9	6.4	7.9	10	6.4	11	14	15	6.9	5.4	7.6	5.0
12	4.1	3.6	10	9.0	6.0	10	13	14	6.4	5.3	9.6	5.5
13	4.5	3.9	6.9	7.8	27	21	13	14	7.0	5.3	16	5.0
14	3.9	4.8	6.4	7.9	35	14	15	11	6.5	5.1	8.3	5.2
15	3.9	6.9	6.3	7.9	15	12	21	9.8	6.7	4.8	6.5	5.2
16	3.7	4.5	5.6	7.4	12	11	14	9.6	6.1	4.2	5.9	4.5
17	3.8	4.1	5.9	6.8	11	10	13	9.3	5.4	4.5	6.1	4.5
18	4.0	4.1	5.6	9.7	10	10	12	8.8	5.9	7.7	6.6	4.5
19	4.0	3.6	6.0	13	9.3	9.9	12	8.6	5.3	13	15	4.5
20	4.1	15	5.9	6.7	8.8	18	20	8.0	5.9	16	45	4.0
21	4.0	7.1	7.7	7.2	8.3	22	15	7.7	8.8	9.2	13	4.5
22	4.2	5.5	9.0	6.5	11	13	21	7.6	16	8.2	10	4.5
23	8.1	5.1	6.7	6.9	17	11	44	9.0	11	6.3	9.3	4.0
24	5.8	13	6.2	9.6	11	10	22	8.6	7.1	5.5	13	4.1
25	4.8	15	7.0	11	9.3	41	17	7.8	6.0	6.9	8.7	4.0
26	4.2	6.2	8.3	8.5	8.7	20	15	8.8	5.6	5.9	7.2	4.1
27	4.0	5.3	8.0	16	38	15	27	12	10	6.3	8.3	4.2
28	4.0	6.2	8.6	9.5	26	29	44	40	10	19	8.4	4.3
29	3.8	5.5	13	8.3	15	25	23	45	22	32	7.5	4.2
30	3.8	4.7	6.8	8.1	---	17	21	50	18	23	6.9	4.7
31	3.6	---	6.9	7.9	---	14	---	21	---	21	6.2	---
TOTAL	127.8	171.2	227.6	250.1	360.5	479.9	599	689.6	273.4	320.3	329.5	145.3
MEAN	4.12	5.71	7.34	8.07	12.4	15.5	20.0	22.2	9.11	10.3	10.6	4.84
MAX	8.1	15	13	16	38	41	44	100	22	32	45	6.0
MIN	3.6	3.5	4.4	5.3	6.0	9.9	12	7.6	5.3	4.2	5.9	4.0

CAL YR 1983 TOTAL 3167.4 MEAN 8.68 MAX 49 MIN 3.0
WTR YR 1984 TOTAL 3974.2 MEAN 10.9 MAX 100 MIN 3.5

02197336 SITE NO. 4 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'21", long 81°39'55", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Four Mile Creek at left bank, 200 ft above SRP Road C, 0.8 mi downstream of site 3, 0.8 mi southeast of F Area.

DRAINAGE AREA.--6.96 mi².

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 195 ft (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--12 years, 8.99 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Sept. 18, 1982, gage height, 5.41 ft; minimum daily, 1.8 ft³/s Sept. 18, 1968, July 18, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, May 7, gage height, 5.26 ft; minimum daily, 3.7 ft³/s Nov. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.1	3.7	5.6	7.3	7.6	14	13	18	15	20	15	9.1
2	5.2	4.3	5.7	6.8	7.8	13	12	17	13	32	20	9.1
3	5.4	4.1	5.7	7.3	7.0	12	24	26	12	13	20	8.5
4	5.5	4.5	8.9	7.1	7.3	11	32	87	10	10	14	8.4
5	4.1	5.1	7.1	6.0	6.7	18	38	33	9.0	8.5	10	8.5
6	4.5	4.0	9.4	6.8	7.0	22	22	22	8.0	7.6	8.8	9.0
7	4.5	4.1	9.2	7.3	7.5	17	18	112	7.6	7.6	8.5	9.1
8	4.7	5.0	6.9	6.6	8.0	14	15	48	7.4	7.6	8.3	8.1
9	4.7	4.3	6.8	6.6	8.5	12	17	24	7.6	5.9	7.7	7.9
10	4.6	4.3	6.8	8.9	7.5	12	16	19	7.6	5.6	12	7.8
11	4.6	4.1	8.0	9.9	6.2	12	15	17	6.3	5.2	13	7.8
12	4.8	4.1	11	8.9	5.7	11	13	15	6.6	5.2	11	8.3
13	5.3	4.2	7.6	8.0	35	22	13	15	7.1	5.2	19	7.7
14	4.7	4.8	6.9	7.6	36	15	15	14	7.1	5.2	9.8	7.8
15	4.4	8.6	6.8	8.0	16	12	22	13	6.9	4.9	8.4	8.0
16	4.2	6.8	6.0	7.6	12	11	14	12	6.2	4.5	7.8	7.0
17	4.3	4.8	5.7	7.3	11	10	13	13	6.0	4.2	8.3	6.8
18	4.4	4.6	5.9	9.7	10	11	11	11	5.9	7.8	9.2	6.7
19	4.6	5.1	6.2	14	9.3	10	10	12	5.5	13	16	6.2
20	4.4	17	6.2	7.7	8.7	17	22	11	6.1	17	61	5.9
21	4.5	8.2	7.6	7.7	8.2	24	16	12	8.9	9.7	16	6.2
22	4.3	5.5	9.2	7.1	11	14	26	13	17	9.2	12	5.9
23	9.7	5.5	7.8	7.4	17	12	53	11	12	7.1	12	5.5
24	6.6	15	6.9	9.5	11	11	24	9.9	7.6	5.5	16	5.1
25	5.1	14	7.8	10	9.3	48	17	9.4	6.0	5.5	12	4.6
26	4.8	6.6	8.9	8.5	8.5	20	15	13	6.0	5.9	11	4.6
27	4.4	5.8	8.9	15	42	15	30	14	9.9	6.3	12	5.0
28	4.3	6.7	9.2	10	26	29	54	49	10	24	12	5.1
29	4.1	6.3	13	8.5	16	24	28	48	29	38	11	6.1
30	3.9	5.8	7.3	8.0	---	16	22	48	22	22	11	7.6
31	4.0	---	7.3	7.8	---	14	---	24	---	22	9.5	---
TOTAL	149.7	186.9	236.3	258.9	373.8	503	640	790.3	289.8	345.2	422.3	213.4
MEAN	4.83	6.23	7.62	8.35	12.9	16.2	21.3	25.5	9.66	11.1	13.6	7.11
MAX	9.7	17	13	15	42	48	54	112	29	38	61	9.1
MIN	3.9	3.7	5.6	6.0	5.7	10	10	9.4	5.5	4.2	7.7	4.6

CAL YR 1983 TOTAL 3459.4 MEAN 9.48 MAX 56 MIN 3.3
WTR YR 1984 TOTAL 4409.6 MEAN 12.0 MAX 112 MIN 3.7

02197338 SITE NO. 5 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'50", long 81°40'15", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, at upstream end of pipe culvert at SRP Road E, 600 ft southeast of Area F, 0.5 mi east of SRP Road C.

DRAINAGE AREA.--0.28 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft (from topographic map).

REMARKS.--Records good, except those for periods when discharge was over 45 ft³/s, which are undefined. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--12 years, 2.66 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 5, 1974, gage height 7.94 ft; minimum daily, 0.80 ft³/s May 27, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, May 7, gage height, 6.33 ft; minimum daily 1.5 ft³/s Apr. 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	3.4	2.9	4.1	3.5	3.0	2.5	3.5	3.2	5.7	2.6	4.3
2	2.7	4.0	2.7	3.5	3.5	2.5	3.0	3.5	3.4	5.0	4.4	4.7
3	2.3	2.9	2.7	4.0	3.6	3.3	4.4	5.9	2.9	4.7	5.1	4.0
4	2.7	3.1	3.0	4.7	4.8	3.7	7.2	5.7	2.9	4.2	4.9	3.9
5	2.4	2.4	2.6	3.4	4.3	4.2	2.7	3.6	2.3	4.4	3.6	4.0
6	2.6	2.5	4.2	4.1	3.8	4.2	3.4	3.1	3.9	3.5	2.4	3.9
7	2.4	2.8	2.7	4.9	4.0	3.3	3.3	8.2	3.4	3.5	2.8	4.0
8	2.8	2.9	2.6	4.4	3.6	3.0	2.4	2.5	3.5	4.1	3.1	3.5
9	2.7	2.6	2.6	3.9	3.8	2.7	2.7	2.8	4.8	3.4	3.0	3.9
10	2.7	2.7	2.8	4.4	3.8	2.9	2.5	3.0	5.3	3.9	7.0	2.9
11	2.8	2.6	3.8	3.9	3.3	2.9	2.5	3.2	3.9	4.2	5.1	3.3
12	2.3	2.7	2.8	3.8	4.0	2.7	2.4	2.9	4.2	4.9	5.4	4.3
13	2.7	2.7	2.6	3.5	11	3.7	2.3	2.3	5.1	3.5	4.4	3.6
14	2.8	3.5	2.5	3.2	4.7	2.7	3.1	3.2	5.3	4.5	3.4	3.4
15	2.4	4.3	2.7	3.5	3.9	2.7	2.7	3.5	4.9	4.1	3.6	4.1
16	2.6	2.6	2.5	3.0	3.6	2.5	2.7	3.7	4.2	3.6	3.7	4.0
17	2.6	2.9	2.3	3.0	3.8	2.5	2.2	3.4	4.2	2.9	3.8	4.0
18	3.0	4.4	2.3	4.3	3.3	2.6	2.4	3.2	3.9	3.3	4.8	4.0
19	2.7	6.6	2.5	4.7	2.9	2.6	1.5	3.6	3.9	3.5	9.5	3.2
20	2.8	11	2.5	3.7	2.9	3.7	3.7	3.2	3.8	3.5	4.3	3.2
21	2.8	3.5	3.0	4.0	3.2	2.7	2.8	4.5	4.5	4.6	4.4	3.9
22	2.5	3.7	3.2	3.5	4.2	3.7	4.8	3.8	4.7	4.0	3.1	3.2
23	4.4	4.4	2.7	3.8	3.5	2.6	4.9	4.0	4.3	3.7	5.1	3.1
24	2.8	8.5	2.5	4.3	3.5	2.8	4.0	3.3	4.3	2.9	4.1	2.9
25	2.7	4.3	2.9	3.9	2.8	4.6	3.0	3.1	3.6	3.0	4.5	2.5
26	2.8	3.6	3.2	4.1	2.5	2.8	3.1	5.2	4.1	3.1	5.0	2.5
27	2.7	3.0	3.6	5.6	7.4	2.8	11	7.7	3.9	3.4	5.6	3.1
28	2.8	3.1	3.2	4.9	4.3	4.1	3.0	7.9	4.1	9.0	5.2	3.0
29	2.7	3.0	3.0	4.0	3.9	2.3	5.0	12	12	5.4	4.5	3.4
30	2.7	3.0	3.4	2.9	---	3.5	3.3	4.0	4.3	6.3	4.9	5.1
31	2.7	---	3.7	3.5	---	3.2	---	3.3	---	3.1	4.2	---
TOTAL	84.4	112.7	89.7	122.5	117.4	96.5	104.5	132.8	128.6	128.9	137.5	108.9
MEAN	2.72	3.76	2.89	3.95	4.05	3.11	3.48	4.28	4.29	4.16	4.44	3.63
MAX	4.4	11	4.2	5.6	11	4.6	11	12	12	9.0	9.5	5.1
MIN	2.3	2.4	2.3	2.9	2.5	2.3	1.5	2.3	2.3	2.9	2.4	2.5

CAL YR 1983	TOTAL	1121.4	MEAN	3.07	MAX	11	MIN	1.3
WTR YR 1984	TOTAL	1364.6	MEAN	3.73	MAX	12	MIN	1.5

02197339 SITE NO. 5B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'29", long 81°40'06", Aiken County, Hydrologic Unit 0306106, at Savannah river Plant, 100 ft east of SRP Road C on right bank upstream and 30 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F area.

DRAINAGE AREA.--0.57 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 195 ft (from topographic map).

REMARKS.--Records fair, except those above 35 ft³/s, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined, May 7, 1984, gage height, 3.95 ft; minimum daily, 1.2 ft³/s May 2, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, May 7, gage height, 3.95 ft; minimum daily, 2.6 ft³/s Oct. 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	3.8	4.7	4.8	4.1	3.5	4.6	4.5	4.3	8.3	3.9	5.0
2	2.8	4.0	4.6	4.4	4.0	3.1	5.0	4.5	4.4	4.9	5.5	5.0
3	2.6	3.6	4.6	4.6	4.1	3.5	6.4	6.0	4.1	4.7	5.1	4.5
4	2.8	3.8	4.5	5.0	4.7	3.7	8.9	7.4	4.0	4.4	5.1	4.4
5	2.9	3.6	4.4	4.2	4.4	4.1	4.9	5.3	3.6	4.6	4.4	4.5
6	2.9	3.6	5.8	4.6	4.1	4.0	5.3	4.8	4.5	4.1	3.7	4.4
7	2.9	3.7	4.6	5.1	4.3	3.4	5.2	9.4	4.3	4.1	3.9	4.5
8	3.1	3.8	4.4	4.7	4.0	3.2	4.4	5.1	4.3	4.4	4.1	4.0
9	3.0	3.7	4.4	4.5	4.1	3.1	4.7	5.2	5.0	4.0	4.0	4.1
10	3.1	3.7	4.4	4.8	4.0	3.1	4.5	5.2	5.3	4.2	9.0	3.7
11	3.2	3.8	5.3	4.6	3.8	3.1	4.5	5.2	4.5	4.4	5.7	3.7
12	3.2	3.8	4.4	4.5	4.2	3.0	4.4	4.9	4.6	4.8	5.5	4.3
13	3.2	3.8	4.2	4.3	9.6	3.7	4.3	4.5	5.1	4.1	5.0	3.7
14	3.2	4.2	4.1	4.1	5.0	3.0	5.0	5.1	5.2	4.5	4.4	3.6
15	3.1	4.9	4.2	4.2	4.5	3.0	4.8	5.3	5.0	4.4	4.6	4.0
16	3.2	4.4	4.0	3.9	4.3	2.9	4.8	5.4	4.5	4.1	4.6	4.0
17	3.2	4.4	3.8	3.8	4.4	2.9	4.3	5.2	4.6	3.7	4.8	4.1
18	3.3	4.8	3.9	4.6	4.0	2.9	4.4	5.0	4.4	4.0	5.3	4.1
19	3.3	5.4	3.9	4.8	3.7	3.0	3.7	5.2	4.4	4.2	12	3.5
20	3.4	12	3.9	4.2	3.7	6.3	5.8	4.9	4.4	4.1	5.9	3.5
21	3.4	5.4	4.3	4.4	3.8	4.1	4.7	5.9	4.8	4.9	5.2	3.9
22	3.3	5.6	4.4	4.0	4.5	4.9	9.4	5.3	4.9	4.4	4.4	3.0
23	4.0	6.0	4.0	4.2	4.1	4.1	6.6	5.5	4.6	4.2	5.3	3.0
24	3.5	9.4	3.8	4.5	4.1	4.1	5.3	4.9	4.6	3.7	5.3	2.9
25	3.5	6.0	4.1	4.3	3.5	12	4.5	4.8	4.3	3.8	5.2	3.1
26	3.5	5.4	4.4	4.3	3.4	5.0	4.5	6.3	4.5	3.8	5.4	3.4
27	3.5	4.9	4.6	5.3	12	4.3	12	8.9	4.5	4.0	5.[illegible]	3.3
28	3.6	4.9	4.4	4.8	4.2	6.4	4.6	8.3	4.5	10	5.5	3.7
29	3.6	4.8	4.2	4.3	4.0	4.6	5.7	12	11	5.8	5.2	4.1
30	3.6	4.9	4.4	3.7	---	5.3	4.4	5.1	4.7	7.1	5.4	5.3
31	3.6	---	4.6	4.1	---	5.4	---	4.4	---	4.2	5.0	---
TOTAL	100.1	146.1	135.6	137.6	132.6	129.2	161.5	179.5	142.9	145.9	164.2	118.3
MEAN	3.23	4.87	4.37	4.44	4.57	4.17	5.38	5.79	4.76	4.71	5.30	3.96
MAX	4.0	12	5.8	5.3	12	12	12	12	11	10	12	5.3
MIN	2.6	3.6	3.8	3.7	3.4	2.9	3.7	4.4	3.6	3.7	3.7	2.9

CAL YR 1983	TOTAL	1392.3	MEAN	3.81	MAX	12	MIN	2.4
WTR YR 1984	TOTAL	1694.0	MEAN	4.63	MAX	12	MIN	2.6

02197340 SITE NO. 6 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'23", long 81°40'05", Aiken County, Hydrologic Unit 03060106, on Fourmile Creek at upstream side of bridge on SRP Road C, and 0.7 mi southeast of Area F.

DRAINAGE AREA.--7.53 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 193 ft (from topographic map).

REMARKS.--Records fair. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--12 years, 13.2 ft^3/s

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 288 ft^3/s Nov. 2, 1980, gage height, 5.15 ft; minimum daily, 4.1 ft^3/s Dec. 23, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 267 ft^3/s, May 7, gage height, 5.08 ft; minimum daily 8.2 ft^3/s Oct. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.6	8.4	13	12	12	20	27	26	24	29	21	14
2	8.9	9.3	13	12	12	19	26	25	21	36	25	14
3	8.6	8.7	13	12	12	19	42	37	18	20	27	13
4	9.2	9.5	18	12	12	18	51	97	17	17	20	13
5	8.9	11	14	9.8	11	22	52	39	15	15	16	13
6	8.8	8.7	22	11	11	30	36	29	15	14	14	14
7	8.8	9.0	17	12	12	24	32	125	15	14	13	14
8	9.4	11	14	11	11	20	27	50	14	13	13	12
9	9.5	9.4	13	11	12	18	30	36	15	12	12	12
10	9.4	9.4	13	14	11	18	28	31	15	12	20	12
11	9.6	9.2	15	15	9.9	17	26	27	13	12	19	12
12	9.9	9.2	19	13	9.5	16	24	25	13	12	17	13
13	11	9.3	14	12	42	28	23	22	14	12	26	12
14	10	10	13	11	40	20	25	22	14	12	15	12
15	9.2	18	13	11	21	18	33	20	13	11	13	13
16	8.8	15	11	11	18	16	24	20	12	9.5	12	11
17	9.0	11	10	11	17	16	21	18	12	9.1	13	11
18	9.2	11	10	14	15	16	21	17	11	14	14	12
19	9.7	12	10	20	14	15	19	17	10	20	32	11
20	9.3	25	9.5	13	14	26	31	16	11	23	67	10
21	9.5	19	12	13	14	28	25	17	15	16	23	11
22	9.1	14	14	12	17	20	33	16	22	16	18	10
23	18	14	12	13	24	17	56	17	18	13	18	9.9
24	14	23	10	15	17	15	34	17	14	11	23	9.1
25	11	27	11	16	14	66	26	15	12	10	18	8.4
26	10	16	13	14	13	39	23	21	11	11	16	8.6
27	9.5	14	14	21	53	32	46	23	16	13	18	9.5
28	9.2	16	14	16	33	49	55	61	17	50	18	9.6
29	8.7	16	18	14	23	43	37	63	39	48	16	12
30	8.2	14	13	12	---	33	31	60	26	33	16	14
31	8.5	---	12	12	---	30	---	30	---	31	14	---
TOTAL	301.5	397.1	417.5	405.8	524.4	768	964	1039	482	568.6	607	350.1
MEAN	9.73	13.2	13.5	13.1	18.1	24.3	32.1	33.5	16.1	18.3	19.6	11.7
MAX	18	27	22	21	53	66	56	125	39	50	67	14
MIN	8.2	8.4	9.5	9.8	9.5	15	19	15	10	9.1	12	8.4

CAL YR 1983	TOTAL	5440.4	MEAN	14.9	MAX	63	MIN	6.4
WTR YR 1984	TOTAL	6825.0	MEAN	18.6	MAX	125	MIN	8.2

021973405 C-001 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°15'13", long 81°40'53", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on upstream side of culvert, near right bank, 10 ft east of dirt road SRP A-6, 1000 ft northwest of Area C, and 0.6 mi upstream of Four Mile Creek.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 245 ft (from topographic map).

REMARKS.--Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 1, 1984, gage height, 3.59 ft; minimum daily, 0.12 ft^3/s, Mar. 26, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, July 1, gage height, 3.59 ft; minimum daily, 0.12 ft^3/s, Mar. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	.78	.82	.22	.18	.90	.86	1.5	.99	1.2
2			---	.80	.81	.21	.19	.90	1.1	.90	1.3	1.2
3			---	.81	.78	.20	.43	1.4	.95	.86	.96	1.2
4			---	.81	.61	.20	.20	1.2	.94	.85	.95	1.3
5			---	.81	.58	.30	.99	.80	.94	.86	.95	1.2
6			---	.82	.57	.30	.99	.75	.94	.91	.96	1.3
7			---	.83	.58	.20	1.1	1.3	.98	.94	.99	1.3
8			---	.83	.59	.19	1.1	.77	1.0	.95	.99	1.2
9			---	.83	.51	.19	1.2	.76	.98	.96	.99	1.2
10			---	.95	.42	.20	1.1	.81	.99	.99	1.1	1.2
11			---	.91	.47	.22	1.1	.80	1.0	.97	1.0	1.2
12			---	.84	.48	.27	1.1	.79	1.0	1.0	1.0	1.2
13			---	.84	1.3	.44	1.1	.81	1.0	1.0	.99	1.1
14			---	.84	.49	.24	1.3	.81	1.0	.99	.99	1.1
15			.72	.84	.37	.20	.83	.81	1.0	.99	.99	1.1
16			.72	.84	.37	.19	.84	.81	1.0	1.0	.99	1.1
17			.73	.84	.37	.25	.85	.81	1.0	1.0	1.0	1.1
18			.74	1.1	.39	.31	.86	.80	1.1	1.2	.97	1.0
19			.72	.91	.39	.32	.87	.80	1.1	1.1	1.4	1.0
20			.77	.84	.37	.51	1.3	.78	1.1	1.1	1.2	.99
21			.83	.84	.38	.33	.88	.79	1.1	1.0	1.2	.99
22			.84	.84	.62	.40	1.1	.83	1.1	.99	1.2	.97
23			.77	.84	.58	.45	1.3	.84	1.1	1.0	1.3	.99
24			.77	.97	.41	.47	.87	.84	1.0	1.0	1.2	.98
25			.76	.90	.40	.48	.88	.82	1.1	1.0	1.2	.94
26			.76	.84	.40	.12	.89	.80	1.1	1.1	1.2	.93
27			.77	1.1	1.1	.14	1.3	.80	1.2	1.0	1.2	.91
28			.86	.83	.24	.33	.89	1.2	1.0	1.6	1.2	.89
29			.95	.82	.22	.18	.99	.90	1.9	1.1	1.2	.89
30			.79	.82	---	.18	.91	.88	1.1	1.1	1.2	.99
31			.78	.82	---	.18	---	.86	---	.99	1.2	---
TOTAL			---	26.69	15.62	8.42	27.64	27.17	31.68	31.95	34.01	32.57
MEAN			---	.86	.54	.27	.92	.88	1.06	1.03	1.10	1.09
MAX			---	1.1	1.3	.51	1.3	1.4	1.9	1.6	1.4	1.3
MIN			---	.78	.22	.12	.18	.75	.86	.85	.95	.89

02197341 TRIBUTARY TO FOUR MILE CREEK BELOW TWIN LAKES AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'55", long 81°41'35", Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, 50 ft below Twin Lakes, 300 ft upstream from Four Mile Creek, and .75 mi west of Area C.

PERIOD OF RECORD.--March 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 175 ft (from topographic map).

REMARKS.--Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.49 ft³/s, May 9, 1984, gage height, 0.61 ft; minimum daily, 0.05 ft³/s, Mar. 28, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.49 ft³/s, May 9, gage height, 0.61 ft; minimum daily, 0.05 ft³/s, Mar. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.12	.12	.25	.14	.15	.12	.17	.17	.32	.22	.27	.15
2	.11	.11	.25	.14	.15	.14	.17	.17	.33	.25	.28	.12
3	.11	.11	.23	.14	.11	.14	.17	.24	.31	.25	.30	.12
4	.11	.11	.23	.14	.11	.14	.17	.33	.30	.25	.30	.12
5	.11	.11	.20	.14	.11	.14	.17	.33	.29	.25	.29	.12
6	.11	.11	.20	.12	.11	.14	.17	.34	.27	.25	.27	.12
7	.11	.11	.19	.12	.09	.14	.17	.36	.26	.24	.25	.12
8	.11	.11	.19	.12	.09	.14	.17	.42	.25	.23	.25	.11
9	.11	.11	.18	.12	.09	.14	.17	.49	.24	.23	.25	.11
10	.11	.11	.17	.12	.09	.14	.17	.49	.23	.22	.24	.11
11	.11	.11	.15	.14	.09	.14	.17	.48	.21	.21	.26	.11
12	.11	.11	.15	.14	.09	.12	.17	.45	.20	.20	.25	.10
13	.11	.11	.15	.14	.11	.12	.17	.42	.18	.23	.24	.09
14	.12	.11	.15	.14	.14	.12	.15	.39	.17	.18	.23	.09
15	.12	.12	.15	.14	.14	.12	.15	.35	.16	.11	.21	.09
16	.11	.15	.14	.14	.13	.12	.15	.34	.15	.11	.21	.10
17	.11	.16	.14	.14	.12	.12	.15	.33	.15	.12	.21	.10
18	.11	.17	.14	.14	.11	.12	.15	.33	.15	.13	.20	.10
19	.11	.17	.14	.14	.11	.12	.15	.33	.15	.15	.19	.10
20	.11	.20	.13	.15	.11	.12	.18	.33	.14	.17	.21	.10
21	.11	.23	.12	.15	.11	.12	.17	.33	.14	.17	.20	.09
22	.11	.23	.13	.15	.11	.12	.17	.32	.14	.17	.19	.09
23	.11	.23	.15	.15	.11	.12	.16	.30	.14	.17	.19	.09
24	.12	.23	.15	.14	.11	.12	.15	.29	.13	.21	.19	.09
25	.12	.25	.14	.14	.11	.14	.16	.27	.12	.27	.19	.09
26	.12	.23	.14	.14	.11	.14	.17	.26	.12	.25	.19	.09
27	.12	.23	.14	.15	.13	.14	.17	.25	.12	.25	.19	.07
28	.12	.23	.13	.15	.12	.05	.17	.26	.12	.24	.19	.08
29	.12	.24	.15	.15	.12	.06	.18	.28	.13	.25	.17	.07
30	.12	.25	.15	.15	---	.15	.18	.30	.21	.25	.16	.07
31	.12	---	.15	.15	---	.17	---	.30	---	.27	.14	---
TOTAL	3.52	4.87	5.08	4.33	3.28	3.93	4.97	10.25	5.83	6.50	6.91	3.01
MEAN	.11	.16	.16	.14	.11	.13	.17	.33	.19	.21	.22	.10
MAX	.12	.25	.25	.15	.15	.17	.18	.49	.33	.27	.30	.15
MIN	.11	.11	.12	.12	.09	.05	.15	.17	.12	.11	.14	.07

WTR YR 1984 TOTAL 62.48 MEAN .17 MAX .49 MIN .05

02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'40", long 81°41'45", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right upstream end of concrete culvert pipe on Four Mile Creek at SRP Road A-7, 1.0 mi southwest of Area C.

DRAINAGE AREA.--12.5 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 155 ft (from topographic map).

REMARKS.--Records good. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--12 years, 18.56 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 213 ft^3/s Feb. 2, 1973, gage height, 4.80 ft; minimum daily, 5.1 ft^3/s Oct. 3, 1969.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 189 ft^3/s, May 7, gage height, 4.53 ft; minimum daily, 9.6 ft^3/s Oct. 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	11	16	18	18	27	26	33	35	36	30	16
2	10	12	16	17	18	25	24	30	29	73	28	16
3	10	12	16	17	18	23	45	35	25	31	46	15
4	10	12	23	17	18	22	51	119	22	23	27	15
5	10	16	18	17	18	26	76	63	21	20	21	15
6	10	13	32	17	17	53	40	39	19	18	19	15
7	9.6	12	27	18	18	40	33	119	20	17	17	15
8	10	14	18	17	17	28	28	77	18	17	17	14
9	11	14	16	16	18	24	31	47	18	16	15	14
10	11	13	16	20	18	22	32	37	19	15	17	14
11	10	12	17	28	17	22	27	32	18	15	36	14
12	11	12	31	20	16	21	24	30	17	16	21	14
13	13	12	20	18	44	45	23	27	17	21	28	14
14	12	13	17	17	90	32	24	24	18	16	21	14
15	11	23	17	17	36	24	44	23	17	15	17	14
16	10	24	16	18	26	21	27	22	16	14	15	13
17	11	16	15	17	24	21	23	21	15	13	15	12
18	11	14	15	19	22	21	21	20	15	18	17	13
19	12	15	15	38	20	20	20	20	14	27	18	13
20	11	33	15	22	19	25	42	19	14	34	73	12
21	11	37	17	18	19	64	33	19	19	24	35	12
22	11	18	23	17	21	29	31	19	26	24	22	12
23	21	16	21	20	48	24	85	19	26	18	20	12
24	24	24	16	26	26	22	48	21	19	16	27	12
25	15	58	15	31	21	76	32	18	16	14	21	11
26	13	22	16	22	19	50	27	17	15	15	19	10
27	12	18	19	41	71	31	33	49	15	19	19	11
28	12	19	22	28	66	53	93	90	25	26	19	11
29	12	20	30	21	34	54	53	90	41	76	19	14
30	11	17	21	19	---	34	46	109	65	44	18	15
31	11	---	17	18	---	30	---	52	---	53	17	---
TOTAL	367.6	552	593	649	817	1009	1142	1340	654	784	739	402
MEAN	11.9	18.4	19.1	20.9	28.2	32.5	38.1	43.2	21.8	25.3	23.8	13.4
MAX	24	58	32	41	90	76	93	119	65	76	78	16
MIN	9.6	11	15	16	16	20	20	17	14	13	15	10

CAL YR 1983 TOTAL 7519.0 MEAN 20.6 MAX 117 MIN 7.4
WTR YR 1984 TOTAL 9048.6 MEAN 24.7 MAX 119 MIN 9.6

02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March to September 1984.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March to September 1984.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 28.6°C June 19, 1984; minimum, 10.2°C Mar. 22, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.6°C June 19; minimum, 10.2°C Mar. 22.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				---	---	---	19.4	12.4	15.5	24.1	19.5	21.8
2				---	---	---	18.4	11.6	15.0	22.7	18.9	20.6
3				---	---	---	16.4	14.4	15.4	20.4	18.8	19.7
4				---	---	---	17.2	15.3	16.3	22.0	17.7	19.7
5				---	---	---	17.1	13.4	15.2	23.2	17.1	20.1
6				---	---	---	19.2	12.0	15.3	24.3	19.8	21.9
7				---	---	---	20.2	11.7	15.7	22.7	20.3	21.6
8				---	---	---	19.5	14.2	16.7	24.5	21.0	22.4
9				---	---	---	17.3	15.1	16.5	24.0	17.3	19.5
10				---	---	---	14.8	12.3	13.3	21.5	15.0	18.0
11				---	---	---	18.9	11.5	14.7	22.4	15.5	18.8
12				---	---	---	19.9	11.9	15.8	24.0	17.3	20.4
13				---	---	---	22.2	15.4	18.5	24.2	19.1	21.7
14				---	---	---	23.1	16.2	18.9	25.9	20.3	22.9
15				---	---	---	20.6	14.7	17.6	23.8	19.4	21.6
16				19.3	15.9	18.0	18.6	14.1	16.5	22.1	16.9	19.2
17				18.2	14.7	16.6	17.8	13.6	15.6	21.2	15.4	18.1
18				20.8	15.0	17.5	19.8	12.5	15.8	21.8	15.2	18.3
19				22.0	15.5	18.6	15.9	13.0	14.7	23.6	17.0	20.0
20				19.5	16.6	18.1	17.7	14.1	15.8	24.7	18.8	21.6
21				17.3	13.0	15.1	22.9	16.3	19.0	25.0	20.2	22.6
22				18.6	10.2	14.2	20.2	18.8	19.4	25.2	21.7	23.3
23				19.6	12.1	15.6	20.7	17.9	19.0	24.8	22.5	23.5
24				20.7	13.5	17.0	20.7	14.9	17.5	26.0	21.5	23.5
25				19.2	16.2	17.8	22.5	13.8	18.0	25.3	20.2	22.7
26				18.8	13.8	16.2	24.0	16.1	19.8	25.6	22.0	23.5
27				18.1	13.6	15.9	19.8	17.9	18.7	24.3	21.4	22.9
28				22.4	16.6	19.1	20.9	17.3	19.1	22.7	21.7	22.2
29				18.7	13.4	16.1	21.1	18.9	20.0	22.7	21.2	21.9
30				18.5	10.5	14.2	23.8	19.4	21.4	21.6	18.2	20.0
31				18.5	10.8	14.5	---	---	---	20.7	15.7	18.1
MONTH				22.4	10.2	16.5	24.0	11.5	17.0	26.0	15.0	21.0

02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	15.3	18.3	25.2	21.6	23.1	---	---	---	---	---	---
2	23.6	17.2	20.2	23.5	21.9	22.6	---	---	---	---	---	---
3	25.4	19.2	22.0	24.8	21.3	23.0	---	---	---	---	---	---
4	26.3	20.3	23.1	27.1	22.8	24.7	---	---	---	25.3	24.4	25.0
5	26.4	21.8	24.0	27.5	23.9	25.6	---	---	---	25.2	23.1	24.2
6	27.6	22.8	24.8	28.0	24.0	25.8	---	---	---	23.8	22.6	23.0
7	27.9	23.5	25.4	27.6	24.1	25.7	---	---	---	23.8	21.3	22.9
8	27.2	22.7	24.9	27.2	23.7	25.3	---	---	---	22.4	19.9	20.8
9	27.0	22.4	24.5	26.3	23.1	24.8	---	---	---	23.4	19.9	22.4
10	26.6	22.1	24.2	27.3	22.9	25.0	---	---	---	22.9	19.3	21.8
11	27.1	22.4	24.5	27.8	23.9	25.9	---	---	---	22.3	20.9	21.9
12	26.4	22.9	24.7	28.4	24.4	26.1	---	---	---	21.9	20.2	21.2
13	26.6	23.0	24.7	28.3	24.0	25.9	---	---	---	22.9	21.3	22.0
14	27.3	22.5	24.7	26.7	24.9	25.9	---	---	---	23.8	21.8	22.8
15	27.6	23.6	25.5	28.0	24.1	26.0	---	---	---	25.1	22.0	24.2
16	27.8	23.5	25.5	28.3	24.5	26.3	---	---	---	25.3	22.2	24.3
17	27.6	23.5	25.4	28.0	24.9	26.3	---	---	---	25.8	23.2	24.8
18	28.1	23.2	25.5	26.3	23.7	24.7	---	---	---	25.8	22.9	24.5
19	28.6	23.7	26.0	24.0	23.3	23.7	---	---	---	26.0	22.5	24.5
20	27.8	24.5	26.2	24.0	22.3	23.1	---	---	---	25.9	23.2	25.0
21	26.4	24.3	25.4	23.7	22.4	22.8	---	---	---	25.9	23.1	24.6
22	25.0	23.6	24.2	---	---	---	---	---	---	22.5	20.1	21.1
23	25.7	22.2	23.9	---	---	---	---	---	---	22.0	19.7	21.3
24	26.0	22.6	24.3	---	---	---	---	---	---	21.8	18.0	20.4
25	27.1	23.0	24.9	---	---	---	---	---	---	21.6	17.8	20.2
26	27.0	23.0	25.0	---	---	---	---	---	---	22.4	20.6	21.8
27	25.0	23.0	23.7	---	---	---	---	---	---	23.8	21.2	22.9
28	26.2	22.3	24.1	---	---	---	---	---	---	24.1	21.0	22.9
29	24.3	22.3	23.1	---	---	---	---	---	---	24.1	21.1	23.1
30	24.5	22.2	23.1	---	---	---	---	---	---	23.7	16.6	19.8
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	28.6	15.3	24.0	28.4	21.3	25.0	25.8	20.7	25.0	26.0	16.6	22.5
YEAR	28.6	10.2	21.5									

021973424 C-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'47", long 81°40'27", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at downstream end of culvert on tributary to Fourmile Creek, 300 ft southeast of C area, 0.5 mi north of SRP Road 3.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 280 ft (from topographic map).

REMARKS.--Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, May 28, 1984, gage height, 1.84 ft; minimum daily, 0.03 ft³/s Feb. 20, 26, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, May 28, gage height, 1.84 ft; minimum daily, 0.03 ft³/s Feb. 20, 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	1.5	1.5	.97	1.6	1.5	1.1	1.4	1.1	1.5
2			---	1.3	1.5	.83	1.6	1.5	1.3	1.2	.95	1.2
3			---	1.3	1.6	.97	1.7	2.0	1.1	1.1	1.1	1.2
4			---	1.4	1.4	.63	1.9	2.0	1.1	1.1	1.4	1.1
5			---	1.6	1.6	1.0	1.6	1.9	1.1	1.2	1.2	1.1
6			---	1.6	.96	1.2	1.6	1.6	1.1	1.1	1.2	1.2
7			---	1.9	.96	.88	1.8	2.0	1.1	1.5	1.2	1.3
8			---	1.7	.97	.92	1.6	1.6	1.2	1.2	1.2	1.6
9			---	1.7	.85	1.1	1.7	1.6	1.3	1.2	1.2	1.2
10			---	1.8	.73	1.4	1.7	1.7	1.2	1.2	1.3	1.2
11			---	1.8	1.2	1.5	1.6	1.5	1.2	1.2	1.6	1.2
12			---	1.9	1.1	1.5	1.6	1.5	1.2	1.2	1.2	1.2
13			---	1.6	1.7	1.7	1.6	1.3	1.2	1.1	1.1	1.2
14			---	1.8	.99	1.3	2.4	1.3	1.2	1.4	1.2	1.3
15			1.3	1.6	.84	.91	1.6	1.3	1.2	1.2	1.2	1.5
16			1.4	1.6	.78	.59	1.5	1.2	1.5	1.1	1.2	1.3
17			1.7	1.6	.77	1.1	1.7	1.2	1.2	1.1	1.2	1.5
18			1.7	1.7	.82	.97	1.6	.96	1.2	1.2	1.5	1.4
19			1.5	1.6	.16	1.0	1.6	.84	1.2	1.1	1.5	1.4
20			1.4	2.0	.03	1.1	1.9	.68	1.2	.96	1.2	1.4
21			1.3	1.5	.05	1.2	1.9	.63	1.2	1.4	1.2	1.4
22			1.5	1.5	.21	1.4	1.6	.54	1.1	1.1	1.2	1.5
23			1.8	1.5	.40	1.3	2.0	.50	1.3	1.1	1.2	1.6
24			1.6	1.6	.10	1.3	1.5	.46	1.1	1.1	1.2	1.4
25			1.6	1.5	.08	2.4	1.5	.33	1.1	1.1	1.6	1.4
26			1.5	1.5	.03	1.6	1.6	.64	1.1	1.2	1.1	1.4
27			1.4	1.8	.83	1.6	1.9	1.2	1.1	1.1	1.2	1.5
28			1.5	1.8	.86	1.9	1.8	1.8	1.1	1.8	1.2	1.4
29			1.6	1.5	.55	1.7	1.6	1.7	1.6	1.3	1.2	1.6
30			1.3	1.5	---	1.6	1.5	1.1	1.8	1.3	1.2	1.6
31			1.9	1.6	---	1.8	---	1.0	---	1.1	1.2	---
TOTAL			---	50.3	23.50	39.37	50.8	39.08	36.4	37.36	38.25	40.8
MEAN			---	1.62	.81	1.27	1.69	1.26	1.21	1.21	1.23	1.36
MAX			---	2.0	1.7	2.4	2.4	2.0	1.8	1.8	1.6	1.6
MIN			---	1.3	.03	.59	1.5	.33	1.1	.96	.95	1.1

021973426 C-004 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20", long 81°40'25", Barnwell county, Hydrologic Unit 03060106, at Savannah River Plant, near left bank 100 ft downstream from SRP Road 3, 0.5 mi south of Area C, 0.6 mi west of junction of SRP Roads 3 and 5.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 220 ft (from topographic map).

REMARKS.--Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 570 ft³/s, May 28, 1984, gage height, 5.10 ft; minimum daily, 46 ft³/s Mar. 9, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 570 ft³/s, May 28, gage height, 5.10 ft; minimum daily, 46 ft³/s Mar. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	395	392	60	387	384	378	380	379	384
2			---	394	390	51	386	384	376	384	381	383
3			---	395	343	56	390	389	374	381	378	384
4			---	396	204	59	397	392	374	380	376	384
5			---	397	196	61	391	383	377	380	379	388
6			---	397	194	51	385	384	378	378	379	382
7			---	397	124	50	385	380	379	381	384	381
8			---	394	128	49	383	385	380	379	380	381
9			---	394	93	46	387	382	380	385	381	382
10			---	396	58	52	386	383	378	381	380	381
11			---	394	61	80	383	377	381	379	379	381
12			---	394	53	88	383	376	378	386	380	381
13			---	392	68	62	384	376	380	391	376	385
14			---	392	80	75	387	378	378	384	375	384
15			---	392	107	111	381	378	382	377	384	380
16			399	392	106	110	385	378	381	379	381	380
17			399	393	106	98	383	382	376	378	382	385
18			398	392	102	86	383	384	377	386	383	380
19			398	393	97	94	382	377	378	380	385	385
20			395	392	96	131	385	377	379	378	380	379
21			396	392	95	202	386	381	378	379	382	384
22			396	393	105	271	387	378	377	378	381	383
23			397	394	82	354	387	378	376	379	382	380
24			395	394	74	375	380	376	377	378	397	381
25			399	393	74	383	388	377	377	379	400	383
26			398	391	69	368	383	381	378	380	385	387
27			397	393	78	375	388	381	376	378	381	381
28			397	391	70	380	385	380	377	380	383	382
29			397	391	69	384	382	380	381	379	383	381
30			396	392	---	393	382	385	382	382	389	382
31			395	391	---	390	---	375	---	380	384	---
TOTAL			---	12196	3714	5345	11561	11801	11343	11799	11849	11474
MEAN			---	393	128	172	385	381	378	381	382	382
MAX			---	397	392	393	397	392	382	391	400	388
MIN			---	391	53	46	380	375	374	377	375	379

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March to September 1984.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March to September 1984.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 72.3°C Aug. 19, 21, 1984; minimum, 7.2°C Mar. .2, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 72.3°C Aug. 19, 21; minimum, 7.2°C Mar. 12.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				10.5	8.2	9.1	65.7	63.9	65.2	68.2	66.5	67.2
2				10.5	7.9	8.9	66.5	62.6	64.6	68.1	65.8	67.2
3				11.2	8.4	9.5	66.3	63.5	65.5	67.9	63.6	66.6
4				11.7	9.0	10.1	66.3	61.5	64.9	68.2	63.3	66.9
5				12.2	10.1	11.0	65.2	63.6	64.4	68.1	66.1	67.4
6				13.6	11.7	12.5	65.6	63.4	64.6	68.3	61.4	67.2
7				12.3	9.3	10.7	66.6	63.5	65.5	68.7	62.7	67.1
8				13.4	8.2	10.6	66.7	65.0	65.9	68.8	66.7	67.7
9				12.4	8.1	10.2	66.6	63.0	65.5	68.3	66.2	67.7
10				12.6	7.8	10.0	66.3	64.8	65.5	68.4	66.9	67.7
11				11.8	7.6	9.8	66.1	64.7	65.8	68.8	66.1	68.0
12				11.5	7.2	9.8	66.4	65.5	66.0	69.0	67.6	68.5
13				11.8	8.9	10.0	66.9	65.8	66.4	69.2	67.2	68.6
14				13.0	8.8	10.8	67.3	63.2	66.6	69.3	67.2	68.5
15				13.2	9.4	11.2	67.6	65.8	67.0	68.9	66.5	68.0
16				13.8	10.4	12.0	67.2	64.8	66.1	68.8	66.7	68.1
17				14.4	11.3	12.9	67.0	65.3	66.5	68.6	67.0	67.9
18				15.0	12.5	13.8	66.5	64.0	65.6	68.6	66.8	67.8
19				16.0	11.7	13.8	67.7	65.1	66.5	68.8	67.1	68.2
20				15.2	12.9	14.1	67.8	65.2	67.0	69.0	66.9	68.2
21				14.9	12.3	13.9	67.3	64.8	66.3	69.0	66.6	68.3
22				13.1	11.2	12.5	67.4	65.7	66.9	69.5	67.9	68.9
23				13.5	10.8	12.6	67.5	65.5	66.4	69.9	68.7	69.3
24				14.3	11.8	13.4	67.7	65.2	66.5	69.8	67.8	69.1
25				15.8	14.3	15.2	68.0	65.3	66.8	69.3	67.8	68.7
26				26.1	14.3	16.3	68.6	65.2	67.7	69.2	64.9	68.3
27				45.1	34.6	43.5	68.1	66.4	67.5	69.0	66.9	68.4
28				34.9	13.9	19.9	68.1	66.6	67.6	68.5	57.4	66.1
29				51.0	36.3	42.6	68.4	66.1	67.2	68.0	63.1	66.4
30				63.2	53.2	60.3	68.2	65.8	67.4	67.9	66.2	67.5
31				65.4	60.3	63.6	---	---	---	67.8	66.9	67.4
MONTH				65.4	7.2	17.5	68.6	61.5	66.2	69.9	57.4	67.2

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	68.5	66.5	67.6	71.0	63.5	70.2	70.9	69.7	70.3	70.9	70.2	70.5
2	68.9	67.3	68.2	70.8	69.6	70.4	70.8	67.6	69.9	70.9	70.1	70.4
3	69.6	68.5	69.0	71.2	70.4	70.8	71.2	70.1	70.7	70.8	69.9	70.4
4	70.1	68.1	69.3	71.3	70.1	70.8	71.5	68.1	70.6	71.0	70.3	70.5
5	70.1	68.6	69.7	70.9	70.2	70.6	71.4	70.4	70.9	70.4	68.9	69.7
6	70.3	69.0	69.9	71.7	70.3	71.1	71.5	68.6	70.5	70.0	68.9	69.6
7	70.4	67.7	69.5	71.7	70.7	71.3	70.3	69.1	69.7	69.8	66.7	69.3
8	70.3	67.8	69.8	71.8	71.0	71.4	71.3	66.9	69.9	70.2	69.2	69.6
9	70.3	69.6	70.0	71.5	70.4	70.9	71.7	70.0	71.1	70.0	69.2	69.6
10	70.2	69.3	69.8	71.8	70.4	71.1	71.6	67.9	70.6	70.0	69.0	69.5
11	70.3	69.3	69.9	71.8	70.8	71.3	71.5	70.5	70.9	70.4	69.2	69.7
12	70.6	69.8	70.3	71.5	69.4	70.8	71.2	24.9	67.5	70.2	66.6	69.6
13	70.7	69.5	70.1	71.2	69.5	70.5	24.8	23.9	24.4	70.5	69.7	70.1
14	70.1	69.5	69.9	71.9	70.3	71.1	52.8	24.2	33.3	70.8	69.6	70.3
15	70.1	69.2	69.7	71.9	71.0	71.5	71.6	52.7	63.4	71.6	69.3	70.7
16	70.0	69.2	69.6	72.0	70.9	71.4	72.1	69.3	70.7	70.4	68.9	69.9
17	70.8	69.2	70.2	71.7	70.7	71.4	71.9	71.2	71.5	70.3	66.3	68.8
18	70.7	69.8	70.3	71.3	69.0	70.3	71.8	67.4	70.9	70.8	68.4	70.0
19	71.3	70.3	70.9	72.0	68.1	71.2	72.3	66.8	71.2	70.6	66.9	69.2
20	71.2	70.3	70.9	71.6	70.3	70.9	72.1	70.7	71.5	69.8	65.0	68.5
21	70.7	69.7	70.4	72.2	70.8	71.3	72.3	71.2	71.8	69.9	68.0	69.2
22	70.7	69.8	70.4	71.7	70.3	71.2	72.0	71.2	71.6	70.1	65.1	68.7
23	70.9	70.0	70.5	71.5	70.2	70.9	72.0	71.2	71.5	69.5	67.9	68.9
24	70.8	69.9	70.5	72.0	70.6	71.4	71.8	66.1	70.1	69.6	68.0	69.1
25	71.1	70.4	70.8	72.1	69.5	71.5	70.8	69.1	70.0	70.7	64.9	69.3
26	70.9	70.2	70.6	72.1	69.8	71.5	71.8	70.1	70.9	70.5	69.2	69.9
27	71.0	69.6	70.6	71.6	70.8	71.2	71.5	67.2	70.7	70.5	69.4	69.8
28	71.3	69.9	70.7	71.8	61.4	70.2	71.8	70.0	71.2	69.3	68.5	68.9
29	70.7	66.2	70.2	71.9	69.7	70.9	71.9	68.5	70.8	69.1	67.6	68.6
30	71.0	68.0	70.4	71.1	69.0	70.5	71.3	69.5	70.4	68.9	65.2	67.8
31	---	---	---	70.9	69.5	70.5	71.4	70.7	71.1	---	---	---
MONTH	71.3	66.2	69.9	72.2	61.4	70.8	72.3	23.9	67.0	71.6	64.9	69.5
YEAR	72.3	7.2	61.0									

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°11'21", long 81°43'26", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on left downstream side of bridge on SRP Road A-12.2, 500 ft northwest of SRP Road A-13, 1.0 mi southeast of Area D.

DRAINAGE AREA.--22.0 mi².

PERIOD OF RECORD.--November 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft (from topographic map).

REMARKS.--Records good, except for period of no gage height record, Mar. 5 to Apr. 4 which is poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 903 ft³/s Mr. 13, 1980, gage height, 3.93 ft; minimum daily, 28 ft³/s July 4, 5, 6, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 692 ft³/s, May 7, gage height, 3.88 ft; minimum daily, 66 ft³/s Mar.8, 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	391	391	397	400	393	90	420	422	422	431	420	404
2	390	390	400	399	401	76	420	420	417	468	415	404
3	391	392	400	398	405	84	410	434	412	421	431	404
4	391	399	411	398	255	87	440	546	409	408	414	404
5	391	399	406	398	240	86	460	458	410	406	409	406
6	392	395	425	398	240	76	417	428	408	402	406	402
7	391	394	421	400	162	70	408	651	410	403	408	403
8	393	396	406	392	158	66	403	472	409	403	406	402
9	394	397	402	392	137	66	412	429	408	406	404	403
10	188	395	402	408	76	82	411	420	408	403	406	403
11	126	393	409	416	74	100	402	414	410	401	427	403
12	131	393	417	403	69	110	400	412	407	410	414	402
13	134	394	404	398	110	88	402	411	408	426	422	406
14	134	400	402	397	212	120	409	409	408	410	419	404
15	133	412	400	396	157	140	426	409	409	404	413	403
16	162	410	399	399	138	140	411	410	408	401	404	399
17	301	401	400	398	133	120	408	413	405	400	402	401
18	395	399	399	404	125	130	407	415	405	416	406	400
19	391	397	400	421	121	150	406	411	405	430	412	403
20	389	421	393	402	112	190	436	411	404	421	494	401
21	386	427	403	397	111	250	426	413	410	416	428	402
22	386	402	412	395	127	350	420	414	417	411	411	403
23	402	399	407	395	143	400	482	414	416	409	409	403
24	403	419	400	406	100	420	435	414	409	404	424	402
25	391	443	401	413	90	440	419	412	406	401	422	402
26	389	409	401	401	82	420	417	414	404	407	409	404
27	388	402	404	423	177	400	422	439	405	411	406	399
28	391	406	410	407	161	420	490	519	415	439	406	402
29	391	407	420	396	104	430	460	530	469	515	407	405
30	391	402	406	393	---	430	438	532	479	446	408	411
31	391	---	400	392	---	430	---	440	---	443	405	---
TOTAL	10317	12086	12562	12435	4813	6461	12717	13736	12412	12972	12867	12090
MEAN	333	403	405	401	166	208	424	443	414	418	415	403
MAX	403	443	425	423	405	440	490	651	479	515	494	411
MIN	126	390	397	392	69	66	400	409	404	400	402	399

CAL YR 1983	TOTAL	137661	MEAN	377	MAX	593	MIN	86
WTR YR 1984	TOTAL	135468	MEAN	370	MAX	651	MIN	66

02197345 K-011 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'40", long 81°40'28", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, approximately 500 ft upstream of Indian Grave Branch, 0.3 mi upstream of SRP Road B, 0.5 mi west of K-Area.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 200 ft (from topographic map).

REMARKS.--Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 527 ft³/s, Mar. 14, 1984, gage height, 3.41 ft; minimum daily, 112 ft³/s July 19, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 527 ft³/s, Mar. 14, gage height, 3.41 ft; minimum daily, 112 ft³/s July 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	457	453	480	467	461	172	470	471	463
2			---	457	457	481	475	463	170	471	467	463
3			---	458	453	481	476	465	170	470	462	463
4			---	459	457	487	460	463	170	470	464	462
5			---	458	459	487	463	466	170	470	467	465
6			---	464	459	485	461	468	150	469	471	464
7			---	456	455	479	463	468	144	472	474	464
8			---	456	449	463	466	468	148	469	467	461
9			---	457	452	409	465	463	306	469	468	461
10			---	456	451	326	468	471	433	472	472	459
11			---	457	463	462	470	465	437	471	467	462
12			---	453	461	473	468	463	460	467	467	463
13			---	451	422	488	467	464	465	291	465	464
14			---	453	193	486	467	466	461	235	465	464
15			---	429	196	496	471	467	458	178	477	464
16			305	182	195	497	474	468	465	178	322	463
17			191	179	195	495	471	466	466	179	168	465
18			189	181	194	492	463	463	464	136	170	463
19			135	175	134	489	442	466	467	112	169	461
20			267	179	146	491	458	465	474	175	165	464
21			443	278	212	489	467	466	475	447	259	464
22			458	421	477	388	466	333	448	455	410	464
23			458	429	478	236	466	151	447	467	447	463
24			458	435	480	209	462	175	444	472	474	465
25			454	445	481	210	367	172	440	474	475	466
26			461	448	487	206	171	169	461	468	467	466
27			460	453	483	197	163	167	470	462	466	463
28			455	452	484	265	161	166	471	470	462	461
29			456	451	483	467	370	172	471	468	462	461
30			454	451	---	476	449	164	467	465	470	460
31			457	452	---	482	---	162	---	469	465	---
TOTAL			---	12432	11209	13072	12857	11606	11244	12241	12875	13891
MEAN			---	401	387	422	429	374	375	395	415	463
MAX			---	464	487	497	476	471	475	474	477	466
MIN			---	175	134	197	161	151	144	112	165	459

02197345 K-011 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March to September 1984.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March to September 1984.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 69.0°C July 11, Sept. 3, 4, 1984; minimum, 9.9°C Mar. 11, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 69.0°C July 11; minimum, 9.9°C Mar.11.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				60.8	58.5	60.0	24.5	14.8	16.5	63.5	62.1	62.8
2				61.6	59.7	60.6	61.5	23.5	48.1	63.4	62.3	63.0
3				62.0	60.6	61.3	63.2	60.4	61.7	63.2	62.6	63.0
4				62.3	60.7	61.7	63.3	62.2	62.9	63.5	62.5	63.1
5				62.7	60.4	61.9	62.4	60.9	61.7	64.4	63.0	63.9
6				62.3	59.2	61.4	62.6	61.9	62.2	65.3	63.0	64.8
7				62.7	11.5	39.3	63.4	62.3	62.9	65.4	64.1	64.9
8				11.6	11.0	11.3	64.0	63.0	63.6	65.3	64.6	65.0
9				11.5	10.7	11.0	64.8	63.4	64.0	65.3	64.9	65.1
10				11.0	10.0	10.6	64.6	63.7	64.0	65.2	63.4	64.6
11				20.3	9.9	12.6	64.1	63.3	63.7	66.0	64.3	65.3
12				59.8	19.8	42.3	64.7	62.2	63.7	66.1	65.1	65.6
13				61.2	58.8	60.5	64.9	63.7	64.6	66.3	65.5	66.0
14				63.6	57.9	61.7	65.3	64.3	64.9	66.5	65.7	66.1
15				63.2	57.7	61.4	64.7	62.6	64.4	66.3	65.3	65.9
16				63.7	59.9	62.5	64.6	63.3	63.9	65.8	65.2	65.6
17				64.3	61.4	63.0	64.6	61.9	64.2	66.5	64.2	65.7
18				64.2	63.1	63.6	64.5	15.7	46.4	66.6	64.5	66.0
19				65.8	63.5	64.8	36.9	15.4	20.3	66.3	65.2	65.9
20				65.0	63.8	64.4	63.8	42.9	55.2	67.1	66.0	66.6
21				64.9	62.0	63.6	64.9	63.3	64.0	67.5	65.3	66.8
22				64.8	13.4	29.2	65.1	64.2	64.7	65.7	21.6	34.0
23				13.8	13.2	13.5	65.4	63.4	64.5	22.1	21.7	21.9
24				14.6	13.4	14.1	65.4	64.4	64.9	21.8	21.1	21.4
25				15.7	14.4	15.2	65.3	16.3	32.5	21.4	20.7	21.1
26				15.7	14.7	15.2	17.4	16.1	16.8	22.4	21.4	21.8
27				15.9	15.3	15.6	17.1	16.8	16.9	22.4	21.5	21.9
28				17.3	15.5	16.2	17.4	16.5	16.9	21.9	21.2	21.6
29				42.4	15.2	22.1	25.6	16.3	17.5	21.3	20.8	21.1
30				60.7	41.8	48.9	62.5	25.5	50.4	21.1	20.1	20.7
31				60.9	15.1	45.6	---	---	---	20.3	19.4	19.9
MONTH				65.8	9.9	41.7	65.4	14.8	51.6	67.5	19.4	51.3

02197345 K-011 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19.6	18.9	19.3	66.7	65.3	66.4	65.3	64.8	65.2	68.7	67.9	68.3
2	19.7	18.6	19.3	66.5	65.1	66.1	66.7	64.8	65.8	68.9	67.9	68.4
3	20.7	19.2	20.0	67.3	66.2	66.7	67.5	66.4	66.9	69.0	68.2	68.6
4	21.2	20.0	20.7	67.7	66.8	67.3	67.7	66.9	67.3	69.0	67.5	68.5
5	22.3	21.1	21.8	67.8	66.8	67.4	67.9	67.4	67.7	68.6	66.7	67.9
6	23.1	22.1	22.7	68.6	67.0	67.8	67.7	67.7	67.5	68.2	66.7	67.5
7	23.0	21.9	22.4	68.5	66.7	67.7	67.6	63.4	66.7	67.9	67.0	67.4
8	22.4	21.3	21.9	68.8	67.7	68.4	68.2	66.8	67.6	67.9	66.8	67.5
9	22.2	21.2	21.7	68.7	67.7	68.2	68.3	66.2	67.6	67.4	66.8	67.2
10	22.6	21.0	21.8	68.7	67.2	68.1	67.8	66.8	67.3	67.8	66.8	67.2
11	59.5	22.2	38.0	69.0	67.8	68.4	68.5	67.2	67.8	67.7	66.9	67.3
12	63.3	59.3	61.7	68.5	24.9	59.4	67.9	66.9	67.5	67.7	66.1	67.1
13	63.7	60.3	62.1	24.8	23.9	24.3	68.4	67.0	67.9	68.3	67.4	67.9
14	61.4	60.2	60.8	24.1	23.6	23.8	68.7	67.5	68.4	68.0	66.7	67.7
15	66.4	60.7	63.0	24.4	23.7	24.1	68.0	66.2	67.2	68.8	66.2	67.6
16	66.7	65.6	66.2	25.1	24.1	24.5	68.5	24.3	36.4	67.9	66.4	67.4
17	67.7	65.9	66.9	25.1	24.3	24.7	24.8	24.0	24.3	67.5	66.2	67.0
18	68.0	66.6	67.5	24.7	24.1	24.5	24.5	23.8	24.1	67.6	66.9	67.3
19	68.3	67.7	68.0	24.3	23.3	24.0	24.9	23.9	24.3	67.6	66.3	67.2
20	67.8	67.1	67.6	23.4	22.3	23.0	24.5	23.6	24.1	68.1	67.2	67.7
21	67.5	66.4	67.0	24.8	22.2	23.3	24.8	24.3	24.5	68.0	66.8	67.6
22	66.6	21.4	24.4	48.6	24.5	37.6	24.8	24.4	24.7	68.2	66.8	67.6
23	60.1	21.3	32.9	65.0	48.6	59.9	62.2	25.8	42.7	68.0	67.3	67.7
24	61.4	21.3	36.8	65.7	64.5	65.1	63.8	59.5	62.2	68.4	65.6	67.1
25	47.8	22.2	26.1	66.3	65.4	65.9	66.5	65.1	65.7	68.4	67.0	67.5
26	67.1	48.0	60.5	67.3	65.4	66.5	67.3	66.8	67.1	67.8	66.7	67.4
27	67.2	66.2	66.7	67.4	66.6	67.0	67.9	66.9	67.3	67.3	21.5	54.4
28	67.5	67.1	67.3	66.9	63.0	66.2	68.2	67.6	67.9	60.9	47.2	57.1
29	67.3	63.9	66.4	66.7	65.6	66.0	68.8	65.8	68.1	67.8	60.3	66.1
30	66.8	65.7	66.5	66.7	65.1	66.1	68.8	65.9	67.5	67.4	66.5	67.1
31	---	---	---	65.8	65.1	65.4	68.6	67.7	68.1	---	---	---
MONTH	68.3	18.6	45.0	69.0	22.2	53.0	68.8	23.6	57.0	69.0	21.5	64.4
YEAR	69.0	9.9	52.0									

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021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'12", long 81°38'51", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream wingwall of culvert on SRP Road B, 1.2 mi west of SRP Road 7, 1.9 mi above Indian Grave Branch.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 160 ft (from topographic map).

REMARKS.--Records good. Some regulation by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, May 28, 1984, gage height, 5.31 ft; minimum daily, 3.8 ft³/s Sept. 27, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, May 28, gage height, 5.31 ft; minimum daily, 3.8 ft³/s Sept. 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	7.9	9.4	15	12	14	22	22	14	5.2
2			---	7.3	8.8	13	11	13	18	25	17	4.9
3			---	6.5	8.4	12	26	21	15	12	19	4.7
4			---	7.0	9.6	12	43	78	13	9.4	12	4.6
5			---	6.9	8.6	15	58	21	12	7.9	9.9	4.7
6			---	7.1	7.8	41	20	15	11	7.3	8.4	4.6
7			---	7.0	7.2	28	15	176	11	6.5	7.3	4.5
8			---	6.3	7.2	16	12	33	10	6.3	6.6	4.4
9			---	6.2	7.7	13	16	20	9.5	6.0	6.4	4.5
10			---	9.5	7.1	12	15	16	9.1	5.8	6.2	4.3
11			---	15	6.9	11	12	14	8.0	5.7	6.8	4.8
12			---	10	7.2	11	11	12	8.2	5.5	9.1	4.4
13			---	8.0	74	34	9.9	11	8.3	6.2	19	4.3
14			---	7.5	83	18	10	11	9.9	6.1	8.5	4.2
15			---	7.2	20	13	23	9.2	8.1	5.5	6.4	4.2
16			7.2	6.4	14	12	11	8.6	7.4	4.7	5.5	4.1
17			6.9	7.9	12	11	9.9	8.2	7.0	5.7	5.3	4.0
18			6.7	11	11	11	9.5	7.2	6.5	8.8	5.5	3.9
19			7.1	23	10	11	8.5	6.8	6.2	22	7.9	3.9
20			6.6	11	10	18	35	6.6	6.0	26	50	4.0
21			7.7	8.7	9.6	40	17	6.0	6.0	13	9.9	3.9
22			12	8.0	11	15	14	6.3	9.0	10	11	3.9
23			9.6	8.0	29	12	76	7.1	10	7.0	7.7	3.9
24			7.1	13	14	11	21	9.7	7.6	7.0	25	4.0
25			6.6	19	11	76	13	6.8	6.9	7.2	9.1	3.9
26			6.2	12	9.5	23	11	31	6.4	10	7.1	3.9
27			6.4	27	101	15	13	40	6.3	18	7.0	3.8
28			11	16	46	39	43	108	7.8	40	6.8	4.0
29			30	11	20	36	18	162	23	75	5.6	5.3
30			12	10	---	17	30	152	26	27	5.8	6.1
31			8.3	9.5	---	13	---	33	---	28	5.5	---
TOTAL			---	322.9	580.5	624	623.8	1063.5	315.2	446.6	329.3	131.3
MEAN			---	10.4	20.0	20.1	20.8	34.3	10.5	14.4	10.6	4.38
MAX			---	27	101	76	76	176	26	75	50	6.1
MIN			---	6.2	6.9	11	8.5	6.0	6.0	4.7	5.3	3.8

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February to September 1984.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February to September 1984.

INSTRUMENTTION.--USGS Mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 27.3°C July 17, 1984; minimum, 5.6°C Mar. 1, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 27.3°C July 17; minimum, 5.6°C Mar. 1.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	10.2	5.6	7.8	17.3	12.6	14.9	21.8	18.7	20.2
2	---	---	---	11.3	5.7	8.5	17.2	11.3	14.4	20.9	18.2	19.5
3	---	---	---	13.2	7.4	10.3	15.6	13.4	14.5	20.0	18.3	18.8
4	---	---	---	14.2	8.2	11.3	16.3	14.6	15.4	21.6	17.9	19.4
5	---	---	---	14.7	11.6	13.1	16.5	13.3	14.8	21.9	16.7	19.2
6	---	---	---	15.8	14.0	14.8	17.7	12.3	14.8	22.6	18.8	20.5
7	---	---	---	14.6	10.8	12.7	18.2	11.9	15.0	22.1	19.7	20.8
8	---	---	---	13.8	8.0	11.0	18.2	13.5	15.8	23.1	20.4	21.5
9	---	---	---	12.8	9.0	11.0	16.5	14.9	15.8	20.5	17.2	18.9
10	---	---	---	11.7	6.9	9.5	14.7	12.3	13.1	19.7	15.3	17.4
11	---	---	---	12.8	7.1	10.0	16.9	11.6	13.9	20.2	15.4	17.7
12	---	---	---	13.9	7.7	10.9	17.9	11.4	14.7	21.5	16.4	18.8
13	---	---	---	13.4	11.8	12.5	19.9	14.4	17.0	22.3	18.1	20.1
14	---	---	---	16.8	11.3	13.7	20.4	15.2	17.6	23.5	19.4	21.3
15	---	---	---	17.5	11.2	14.5	19.0	14.9	16.9	22.4	18.9	20.3
16	13.8	11.9	13.1	17.9	12.4	15.3	17.3	14.3	16.0	19.7	16.5	18.1
17	15.5	10.5	12.9	17.3	14.0	15.9	16.0	13.5	14.8	19.0	15.1	17.0
18	14.5	9.6	12.2	19.0	14.3	16.6	17.3	12.4	14.7	19.8	14.7	17.1
19	14.8	10.2	12.6	20.1	14.8	17.6	15.0	12.2	13.9	21.2	16.6	18.7
20	14.1	12.2	13.2	18.2	16.1	17.2	16.9	13.6	15.1	22.3	18.4	20.3
21	14.5	11.3	12.9	16.6	13.0	15.0	20.0	15.5	17.3	22.4	19.6	21.1
22	12.5	10.7	11.7	17.1	10.5	13.8	18.7	17.4	18.1	22.9	21.2	22.1
23	11.4	10.4	11.1	17.9	11.9	14.9	19.2	17.3	18.0	22.7	21.8	22.3
24	14.1	8.5	11.3	18.8	12.9	16.1	18.6	14.7	16.6	23.2	20.7	22.1
25	13.5	10.4	12.1	18.8	15.7	17.2	20.3	13.4	16.7	22.6	20.1	21.6
26	12.7	8.4	10.7	17.7	13.7	15.8	21.3	15.2	18.2	22.9	21.3	22.0
27	12.0	11.0	11.5	17.2	13.4	15.4	19.1	16.8	17.4	23.1	20.1	21.6
28	11.8	8.2	10.3	21.1	16.1	18.2	20.3	16.5	18.3	22.1	20.9	21.4
29	9.5	6.4	7.9	18.1	14.2	16.0	19.8	18.1	19.0	22.0	20.5	21.1
30	---	---	---	16.8	11.4	14.2	22.0	18.5	20.0	20.7	18.2	19.5
31	---	---	---	16.5	11.3	14.1	---	---	---	19.9	15.3	17.6
MONTH	15.5	6.4	11.5	21.1	5.6	13.5	22.0	11.3	16.0	23.5	14.7	20.0

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.3	15.0	17.5	24.1	21.0	22.4	23.8	21.9	22.8	24.6	22.5	23.7
2	21.7	16.5	19.0	23.4	21.5	22.3	24.5	22.7	23.6	24.7	22.4	23.6
3	23.1	18.2	20.5	23.6	21.0	22.4	25.5	22.7	24.0	24.8	22.5	23.8
4	23.8	19.1	21.4	24.7	21.9	23.3	25.6	22.8	24.2	24.3	23.1	23.8
5	24.6	20.3	22.4	25.1	22.6	23.9	25.5	22.8	24.2	23.7	22.1	22.8
6	25.3	21.5	23.3	25.6	22.9	24.3	25.8	23.1	24.4	22.2	20.2	21.3
7	25.7	21.8	23.6	25.4	23.1	24.4	25.7	23.3	24.5	21.5	19.4	20.6
8	25.4	21.3	23.3	25.1	23.2	24.2	25.5	23.1	24.4	21.3	19.0	20.3
9	24.9	21.1	23.1	24.7	22.5	23.8	25.5	23.3	24.5	21.4	20.3	20.9
10	25.0	20.9	23.0	25.0	22.3	23.8	25.7	23.3	24.5	22.0	21.0	21.5
11	25.2	21.5	23.4	25.5	23.2	24.4	24.9	23.1	24.0	23.4	21.5	22.4
12	24.6	21.9	23.4	25.7	23.7	24.8	24.7	22.7	23.7	23.7	21.4	22.7
13	24.4	21.6	23.1	25.6	23.8	24.9	25.5	23.2	24.3	24.0	22.4	23.2
14	25.4	21.4	23.5	25.0	23.9	24.5	25.6	23.0	24.3	24.3	21.9	23.2
15	25.7	22.4	24.1	26.0	23.6	24.8	25.4	22.8	24.2	24.3	22.2	23.4
16	25.7	22.5	24.2	26.0	24.2	25.3	26.0	23.4	24.7	23.1	20.4	21.5
17	25.4	22.6	24.1	27.3	24.6	25.8	25.0	23.4	24.3	20.3	19.0	19.7
18	25.5	22.3	24.1	25.3	23.0	23.7	25.3	23.1	24.3	20.5	18.9	19.7
19	25.9	22.9	24.5	23.0	22.6	22.9	24.9	23.3	24.0	20.6	18.5	19.6
20	25.8	23.6	24.8	23.6	21.8	22.6	25.2	22.6	23.8	20.3	16.9	18.7
21	24.9	23.6	24.3	23.8	21.9	22.8	24.1	22.6	23.4	20.4	17.0	18.8
22	24.2	23.0	23.5	24.2	22.2	23.2	23.7	21.8	23.0	21.0	17.9	19.5
23	24.7	21.6	23.2	24.3	22.1	23.1	24.3	21.7	23.0	21.5	19.5	20.5
24	24.4	22.2	23.4	25.5	22.3	23.8	25.3	22.7	23.9	22.1	19.8	21.0
25	25.0	22.5	23.8	25.6	23.2	24.5	24.0	21.7	23.0	22.4	20.0	21.2
26	24.7	22.5	23.8	25.2	23.0	24.1	23.1	21.8	22.4	22.3	19.7	21.2
27	23.7	22.4	22.9	25.1	22.6	23.8	23.0	21.1	22.0	21.4	19.8	20.8
28	24.9	21.9	23.3	24.5	22.3	23.1	23.9	21.2	22.4	19.7	18.4	18.9
29	23.8	22.3	22.9	22.3	21.7	22.1	23.6	22.0	22.9	19.8	17.8	18.8
30	23.5	21.9	22.4	22.5	21.2	21.8	24.0	21.8	23.1	19.1	18.3	18.6
31	---	---	---	23.0	21.7	22.3	24.7	22.9	23.8	---	---	---
MONTH	25.9	15.0	23.0	27.3	21.0	23.5	26.0	21.1	23.5	24.8	16.9	21.0
YEAR	27.3	5.6	19.5									

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'34", long 81°41'08", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream side of bridge on SRP Road A-13.2, 700 ft downstream from Seaboard Coastline Railroad bridge, 600 ft west of intersection of SRP Roads A-17 and A-17.1.

DRAINAGE AREA.--21.2 mi².

PERIOD OF RECORD.--November 1976 to January 1983, May 1983 to September 1983.

GAGE.--Water-stage recorder. Elevation of gage is 100 ft (from topographic map).

REMARKS.--Records fair, except those for periods of no gage height record, Mar. 13 to Apr. 4, May 24 to June 14, and July 1-5, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 948 ft³/s Mar. 13, 1980, gage height, 3.81 ft; minimum daily, 21 ft³/s Aug. 4, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 726 ft³/s, Feb. 13, gage height, 3.34 ft; minimum daily, 157 ft³/s Feb. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	394	394	404	410	407	443	440	431	190	460	444	389
2	395	396	402	411	412	442	440	430	170	460	439	388
3	395	395	401	411	410	438	440	446	170	460	435	387
4	394	400	411	410	409	441	440	500	170	450	431	385
5	395	398	409	406	410	452	495	449	170	440	433	391
6	396	398	442	415	416	498	426	432	160	433	429	388
7	395	396	430	411	415	470	423	519	160	431	433	384
8	399	397	419	411	410	456	425	466	180	429	427	381
9	401	395	412	409	409	427	429	437	270	429	427	387
10	400	393	403	422	412	306	432	429	370	428	426	391
11	398	399	411	426	422	436	422	426	400	429	423	391
12	407	399	430	418	422	429	424	426	400	428	421	389
13	404	399	416	411	501	440	423	427	400	338	431	388
14	402	404	408	411	374	440	427	425	410	270	420	388
15	400	410	409	409	248	450	433	426	415	209	417	389
16	398	388	379	224	230	450	425	427	416	205	340	387
17	397	218	194	206	226	450	427	424	416	207	187	387
18	398	211	192	211	220	440	423	425	408	167	188	388
19	398	199	189	229	169	440	422	425	411	164	192	389
20	396	216	230	210	157	440	466	424	420	192	225	393
21	398	417	399	267	212	430	451	424	422	439	256	392
22	400	411	406	406	449	380	443	354	433	429	371	393
23	409	401	404	409	481	250	540	176	431	432	413	392
24	234	414	402	425	442	240	459	170	423	436	446	394
25	205	439	400	429	435	360	395	170	422	434	410	391
26	203	412	404	415	440	260	210	180	423	431	407	391
27	392	403	406	440	549	230	204	200	426	431	406	393
28	403	413	410	422	512	240	229	250	428	437	398	390
29	393	417	436	409	456	430	364	390	447	526	394	386
30	396	405	416	408	---	440	456	370	455	465	396	395
31	396	---	410	408	---	440	---	250	---	473	394	---
TOTAL	11791	11337	11884	11709	11055	12488	12433	11728	10416	11981	11859	11677
MEAN	380	378	383	378	381	403	414	378	347	386	383	389
MAX	409	439	442	440	549	498	540	519	455	526	446	395
MIN	203	199	189	206	157	230	204	170	160	164	187	381

WTR YR 1984 TOTAL 140358 MEAN 383 MAX 549 MIN 157

02197351 P-013 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°13'53", long 81°35'06", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Steel Creek at right bank 2000 ft. downstream of SRP Road F and 0.5 mi west of P Area.

PERIOD OF RECORD.- December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft (from topographic map).

REMARKS.--Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 136 ft³/s Mar. 7, 1984, gage height, 2.33 ft; minimum daily, 5.7 ft³/s April 28, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 136 ft³/s Mar. 7, gage height, 2.33 ft; minimum daily, 5.7 ft³/s Apr. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	25	51	19	6.7	37	20	10	6.7	13
2			---	25	94	19	6.7	35	6.7	9.2	6.7	13
3			---	64	59	18	6.3	36	8.5	7.2	7.2	13
4			---	88	24	24	13	35	7.5	7.3	8.3	15
5			---	55	21	39	40	35	10	7.3	14	13
6			---	12	20	35	41	35	17	17	12	13
7			---	18	19	44	45	38	8.3	9.8	12	13
8			---	16	18	24	47	34	8.5	8.9	7.4	20
9			---	13	20	33	47	34	9.3	14	7.4	22
10			---	13	15	21	43	34	8.0	22	7.7	22
11			---	14	11	24	43	34	7.3	14	12	21
12			---	14	11	20	42	33	8.2	25	30	21
13			---	41	13	10	42	33	7.2	22	18	22
14			---	44	12	7.2	42	33	12	14	12	23
15			---	41	11	55	46	33	13	24	24	23
16			---	47	12	64	16	32	11	23	16	26
17			---	48	10	52	14	12	9.5	24	19	22
18			---	51	16	47	7.5	18	9.4	28	14	22
19			---	51	13	25	10	24	9.4	25	15	22
20			26	50	15	15	27	23	10	23	11	23
21			26	47	14	9.9	29	22	10	22	20	22
22			26	44	18	7.5	28	24	10	22	16	22
23			25	45	19	11	32	23	11	22	11	22
24			24	46	19	16	39	26	15	22	12	23
25			25	46	18	15	26	26	14	22	11	24
26			25	46	17	10	19	29	15	22	31	39
27			26	47	21	10	18	27	15	24	25	36
28			25	59	18	9.6	5.7	38	15	22	24	36
29			27	49	19	9.3	25	64	13	23	25	35
30			24	45	---	6.4	38	42	11	23	20	36
31			24	40	---	6.4	---	35	---	15	16	---
TOTAL			---	1244	628	706.3	844.9	984	329.8	573.7	471.4	677
MEAN			---	40.1	21.7	22.8	28.2	31.7	11.0	18.5	15.2	22.6
MAX			---	88	94	64	47	64	20	28	31	39
MIN			---	12	10	6.4	5.7	12	6.7	7.2	6.7	13

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February to September 1984.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February to September 1984.

INSTRUMENTATION.--USGS Mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 34.0°C Aug. 25, 1984; minimum, 11.8°C Mar. 1, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 34.0°C Aug. 25; minimum, 11.8°C Mar. 1.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SETEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	13.6	11.8	12.7	20.4	17.3	18.4	20.5	19.3	20.0
2	---	---	---	13.9	17.3	13.0	20.6	17.4	18.9	22.0	20.4	21.3
3	---	---	---	14.6	12.7	13.5	20.3	18.6	19.6	21.6	20.1	20.9
4	---	---	---	15.6	13.3	14.3	20.5	17.5	19.4	21.1	19.4	20.4
5	---	---	---	15.5	14.3	15.0	18.3	17.1	17.6	21.8	19.1	20.6
6	---	---	---	15.7	14.3	15.2	17.6	16.6	17.0	22.8	21.3	22.3
7	---	---	---	14.2	13.0	13.5	17.4	16.3	16.8	23.0	21.7	22.5
8	---	---	---	15.3	12.7	13.8	18.6	16.9	17.9	23.0	20.7	22.2
9	---	---	---	14.8	13.3	14.1	19.0	18.3	18.7	21.2	19.8	20.6
10	---	---	---	15.1	13.0	14.0	18.2	17.3	17.7	22.6	20.8	21.5
11	---	---	---	15.8	12.9	13.9	18.2	17.0	17.5	23.5	21.7	22.7
12	---	---	---	15.7	13.2	14.3	19.9	17.0	18.0	23.4	22.2	22.8
13	---	---	---	15.9	14.8	15.3	19.3	17.9	18.5	24.1	22.1	23.3
14	---	---	---	17.8	15.0	16.1	18.7	17.5	18.1	24.3	23.0	23.5
15	---	---	---	15.8	13.9	14.8	18.8	17.9	18.4	24.0	22.4	23.2
16	---	---	---	15.1	13.9	14.4	19.1	17.8	18.4	24.6	23.4	23.8
17	16.5	14.4	15.3	15.2	14.1	14.7	18.7	17.4	17.9	25.5	21.5	23.8
18	16.2	14.1	15.1	17.0	14.9	15.9	19.8	17.0	18.0	24.5	20.9	22.4
19	17.3	15.4	16.3	17.4	15.8	16.7	20.3	16.9	18.0	24.2	22.7	23.3
20	15.8	14.5	15.2	18.2	15.7	17.2	18.3	16.4	17.7	24.7	22.7	23.8
21	17.7	14.9	15.8	17.6	15.3	16.5	19.5	17.8	18.5	25.3	24.0	24.7
22	16.9	16.1	16.5	19.4	14.9	16.5	19.5	18.6	19.1	26.1	24.6	25.5
23	16.6	13.5	15.8	17.3	15.7	16.3	21.2	19.1	19.8	25.8	25.1	25.5
24	16.0	12.6	14.6	18.3	15.9	17.3	19.3	18.3	18.8	26.9	24.8	25.7
25	15.7	13.7	14.9	18.9	16.7	18.1	20.1	18.5	19.2	26.7	25.8	26.3
26	15.6	13.6	14.6	18.5	15.8	16.8	21.0	18.7	19.7	26.0	23.9	25.4
27	15.5	12.9	15.0	20.3	18.5	19.1	20.9	19.2	19.9	27.0	25.5	26.3
28	15.4	13.4	14.3	21.8	18.8	20.0	23.2	20.8	21.9	27.0	25.1	26.1
29	13.6	12.3	13.0	19.3	16.8	18.1	22.0	20.4	21.0	25.4	22.5	24.6
30	---	---	---	23.1	16.2	18.7	21.5	19.9	20.9	22.3	20.9	21.6
31	---	---	---	19.5	16.9	17.8	---	---	---	22.0	20.3	20.9
MONTH	17.7	12.3	15.0	23.1	11.8	15.5	23.2	16.3	18.5	27.0	19.1	23.0

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.5	20.4	23.7	30.5	28.7	29.5	30.8	27.9	29.4	31.1	29.1	30.1
2	30.0	26.2	27.6	30.6	29.2	29.9	31.7	29.2	30.7	31.6	30.5	31.0
3	30.5	25.6	28.0	31.2	29.5	30.3	32.1	30.3	30.9	31.4	30.4	30.9
4	30.4	28.0	28.8	31.9	29.8	30.8	32.0	28.4	30.7	30.9	30.2	30.6
5	31.5	29.4	29.6	32.1	30.3	31.0	31.0	28.6	29.8	30.5	29.8	30.2
6	30.4	26.2	27.9	32.5	28.3	30.1	31.2	29.2	30.1	30.5	29.5	29.9
7	30.8	26.6	28.5	32.3	28.3	30.6	31.0	28.9	30.0	30.0	29.0	29.4
8	31.1	28.5	29.4	32.3	29.4	30.8	32.4	30.4	31.2	29.0	27.9	28.4
9	30.3	27.8	28.9	32.2	29.3	30.8	32.6	30.7	31.4	28.1	27.7	27.9
10	31.0	28.2	29.4	30.3	27.8	29.0	33.1	30.9	31.7	27.9	27.5	27.7
11	31.3	28.7	29.9	32.4	27.6	29.9	33.0	29.8	31.6	28.3	27.3	27.7
12	30.9	28.9	29.8	29.3	27.5	28.2	30.8	29.7	30.2	28.1	27.2	27.6
13	31.7	30.0	30.6	30.9	27.1	29.6	32.2	29.9	30.9	28.3	27.4	27.8
14	30.6	28.6	29.7	32.8	30.0	31.2	32.1	29.0	30.7	28.2	27.2	27.6
15	29.4	27.8	28.5	30.6	29.5	30.1	31.1	28.9	30.0	28.1	27.3	27.7
16	30.2	28.2	29.2	30.5	29.6	30.0	31.5	30.3	30.8	28.6	27.3	27.8
17	30.6	28.3	29.4	30.5	28.9	29.9	31.1	30.3	30.8	27.2	26.3	26.6
18	30.9	28.5	29.5	29.8	28.8	29.2	31.8	30.7	31.3	26.4	25.9	26.1
19	31.4	29.1	30.1	29.0	26.4	28.5	32.5	27.1	31.3	26.2	25.5	25.9
20	31.9	29.6	30.5	28.6	27.9	28.1	33.0	31.2	32.1	26.5	25.2	25.8
21	31.8	30.4	31.0	29.7	27.8	28.2	32.8	30.1	31.6	26.5	25.5	25.9
22	31.0	30.0	30.6	29.3	28.4	29.9	31.8	30.1	31.2	26.7	25.8	26.3
23	31.6	29.9	30.7	29.9	28.9	29.4	33.3	30.1	32.0	27.0	26.5	26.8
24	30.5	29.1	29.8	29.5	28.6	29.0	32.8	30.9	32.2	27.2	26.7	27.0
25	30.3	29.1	29.7	29.6	28.6	29.0	34.0	32.1	33.2	27.0	26.1	26.6
26	30.6	29.0	29.8	30.2	28.6	29.3	33.2	29.9	30.6	26.3	25.7	26.0
27	30.1	28.9	29.6	29.4	28.5	28.9	30.3	29.8	30.0	27.1	26.4	26.8
28	30.5	29.1	29.7	29.5	26.2	28.6	30.1	29.5	29.8	26.9	25.7	26.3
29	30.7	28.4	29.6	28.8	28.1	28.4	29.4	28.5	29.2	25.6	24.9	25.3
30	30.3	28.7	29.6	28.4	27.3	28.1	29.6	28.3	28.9	24.9	24.2	24.6
31	---	---	---	28.4	27.8	28.1	29.7	28.8	29.2	---	---	---
MONTH	31.9	20.4	29.5	32.8	26.2	29.5	34.0	27.1	31.0	31.6	24.2	27.5
YEAR	34.0	11.8	24.5									

02197352 STEEL CREEK AT ROAD B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'25", long 81°36'41", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at left downstream end of culvert on SRP Road B, 200 ft east of junction of SRP Roads, C and B, and 0.6 mi southeast of Area L.

PERIOD OF RECORD.--August 1982 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 190 ft (from topographic map).

REMARKS.--Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 226 ft³/s May 7, 1983, gage height, 2.53 ft; minimum daily, 6.7 ft³/s Nov. 18, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 226 ft³/s, May 7, gage height, 2.53 ft; minimum daily, 6.7 ft³/s Nov. 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	26	26	24	49	23	14	46	31	14	21	16
2	19	28	24	24	111	22	14	43	14	13	18	16
3	23	43	23	62	65	21	15	45	16	11	15	15
4	22	42	23	95	26	26	25	49	14	10	13	17
5	30	29	20	61	24	45	56	45	14	9.6	17	15
6	22	36	24	15	23	44	58	43	23	8.3	16	15
7	23	34	25	20	22	52	58	75	18	11	16	15
8	23	33	23	18	22	28	59	47	14	10	12	20
9	23	33	22	15	23	36	59	44	15	9.2	12	23
10	20	32	21	16	19	26	53	44	13	8.6	12	22
11	21	33	22	16	15	26	51	42	13	8.8	14	21
12	18	31	22	16	16	35	50	41	13	9.0	36	22
13	24	29	21	40	24	18	50	40	13	11	23	22
14	22	27	21	46	21	13	50	40	14	12	15	22
15	20	18	22	42	18	59	57	40	17	11	29	23
16	43	9.4	23	48	18	77	24	39	16	11	19	26
17	31	11	24	48	16	61	20	19	14	11	21	21
18	23	6.7	25	52	20	57	13	22	13	15	16	21
19	22	15	24	52	18	31	17	28	13	35	21	21
20	34	16	25	51	19	23	37	27	14	30	17	21
21	61	32	24	48	19	18	38	25	14	22	21	21
22	95	18	24	45	21	15	37	28	14	18	24	21
23	98	39	23	45	22	17	46	27	14	15	18	21
24	65	164	23	48	21	21	50	29	18	14	22	21
25	45	150	23	49	21	31	29	29	18	13	16	22
26	33	105	23	47	20	20	22	38	17	14	36	39
27	33	79	24	51	32	18	22	37	18	22	30	36
28	42	53	25	64	24	22	13	63	18	19	28	37
29	27	37	28	52	23	21	32	98	19	34	29	36
30	28	31	24	48	---	21	49	81	15	24	24	36
31	29	---	24	41	---	15	---	47	---	26	19	---
TOTAL	1036	1239.1	725	1299	772	942	1118	1321	477	479.0	630	684
MEAN	33.4	41.3	23.4	41.9	26.6	30.4	37.3	42.6	15.9	15.5	20.3	22.8
MAX	98	164	28	95	111	77	59	98	31	35	36	39
MIN	17	6.7	20	15	15	13	13	19	13	8.6	12	15

CAL YR 1983	TOTAL	8778.1	MEAN	24.0	MAX	164	MIN	6.7
WTR YR 1984	TOTAL	10722.1	MEAN	29.3	MAX	164	MIN	6.7

02197352 STEEL CREEK AT ROAD B AT SAVANNAH RIVER PLANT, SC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February to September 1984.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February to September 1984.

INSTRUMENTATION.--USGS mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 30.5°C Aug. 16, 1984; minimum, 10.3°C Mar. 1, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C Aug. 16; minimum, 10.3°C Mar. 1.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	13.6	10.3	11.6	19.0	14.6	16.3	21.5	19.7	20.5
2	---	---	---	14.3	10.6	12.2	19.1	14.2	16.4	22.5	20.2	21.3
3	---	---	---	15.3	11.3	12.9	17.4	15.8	16.6	21.5	20.5	21.1
4	---	---	---	15.9	11.9	13.7	17.9	16.5	17.1	22.2	20.0	21.0
5	---	---	---	15.9	14.0	14.9	17.5	16.3	16.8	22.3	19.2	20.8
6	---	---	---	15.9	14.7	15.3	17.9	15.9	16.6	23.6	21.4	22.5
7	---	---	---	14.5	12.5	13.5	18.1	15.4	16.5	22.4	21.4	21.9
8	---	---	---	15.0	11.7	13.2	18.4	16.1	17.3	22.9	21.6	22.3
9	---	---	---	14.8	12.5	13.6	18.4	17.7	18.0	21.5	19.3	20.6
10	---	---	---	14.8	11.7	13.1	17.6	16.6	17.1	22.7	18.9	20.4
11	---	---	---	14.7	10.9	12.9	18.3	16.4	17.1	23.3	19.9	21.5
12	---	---	---	14.5	12.1	13.3	18.9	16.0	17.4	24.2	20.9	22.1
13	---	---	---	15.1	13.8	14.3	19.6	17.5	18.3	24.6	21.0	22.6
14	---	---	---	17.1	13.7	15.0	19.3	17.2	18.1	25.1	21.8	23.1
15	---	---	---	15.3	13.3	14.3	18.8	17.6	18.2	24.0	21.0	22.3
16	16.3	14.3	15.3	15.7	13.8	14.6	18.9	15.9	17.6	24.5	21.1	22.4
17	16.8	13.6	14.8	15.7	14.1	14.8	18.2	16.2	17.1	24.2	18.7	21.0
18	16.2	12.2	14.1	17.2	14.7	15.8	19.3	15.1	16.9	24.1	16.9	20.6
19	17.0	13.7	15.3	19.1	15.7	16.9	17.6	14.9	16.4	25.2	20.6	22.3
20	15.6	14.3	15.0	17.8	15.5	16.7	18.4	16.5	17.4	25.6	20.9	22.9
21	16.3	13.9	14.9	17.2	14.1	15.7	20.0	17.7	18.6	26.0	22.3	23.8
22	16.0	14.3	15.1	18.1	13.0	15.2	19.5	18.5	19.0	26.7	23.3	24.6
23	15.2	13.7	15.0	18.4	13.6	15.7	20.3	18.7	19.3	25.3	23.9	24.6
24	16.0	12.1	14.0	18.8	14.7	16.6	19.8	18.0	18.7	27.3	23.3	24.6
25	16.0	12.8	14.5	18.7	16.2	17.3	20.6	17.5	18.9	26.9	23.4	25.0
26	15.5	12.1	13.6	17.7	14.6	16.0	21.5	17.9	19.5	26.2	22.7	24.4
27	14.3	13.5	14.0	18.6	15.4	17.0	19.5	18.8	19.2	25.5	23.4	24.5
28	14.4	11.8	13.1	20.6	17.4	18.5	21.0	18.4	19.7	25.0	23.0	24.3
29	13.4	11.0	11.9	17.2	15.3	16.5	21.1	19.5	20.3	24.9	22.0	23.8
30	---	---	---	18.6	13.8	15.8	22.3	20.3	21.2	21.7	20.1	21.0
31	---	---	---	18.4	13.4	15.6	---	---	---	21.6	19.2	20.1
MONTH	17.0	11.0	14.5	20.6	10.3	15.0	22.3	14.2	18.0	27.3	16.9	22.5

02197352 STEEL CREEK AT ROAD B AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.4	19.0	20.7	28.1	24.6	26.1	27.3	25.0	26.3	29.3	25.6	27.2
2	25.6	19.3	22.2	27.3	25.2	26.1	27.6	24.8	26.3	29.4	26.2	27.6
3	27.2	20.8	23.3	27.8	24.3	25.9	28.6	25.0	26.6	29.1	26.4	27.7
4	28.4	21.6	24.4	29.2	25.1	26.9	28.9	25.5	27.0	28.7	26.9	27.7
5	28.4	22.7	25.2	29.3	25.5	27.0	29.8	26.1	27.5	27.2	25.9	26.6
6	29.7	24.1	25.9	30.3	25.6	27.4	29.8	26.2	27.6	27.3	24.8	25.9
7	28.4	24.3	25.8	29.4	25.5	27.2	29.8	26.3	27.6	27.0	24.5	25.5
8	28.7	23.1	25.4	28.9	25.3	26.9	29.5	25.4	27.2	26.8	24.1	25.5
9	28.6	23.6	25.4	28.8	25.0	27.1	29.8	25.9	27.5	26.4	25.2	25.3
10	28.4	23.5	25.5	29.6	26.3	27.8	30.1	26.0	27.6	26.5	25.6	25.9
11	29.6	23.8	25.9	29.3	25.5	27.4	29.2	26.0	27.5	27.8	25.4	26.2
12	28.1	24.2	25.9	29.3	26.4	27.5	29.9	28.2	28.8	27.9	24.9	26.2
13	29.4	24.0	25.9	29.9	26.3	27.8	29.4	27.9	28.6	27.4	25.7	26.4
14	29.1	24.3	26.4	29.0	27.2	28.0	30.0	26.7	28.0	28.0	25.1	26.2
15	28.8	25.1	26.6	30.0	27.0	28.6	30.2	27.5	28.6	28.1	25.4	26.5
16	28.9	25.2	26.6	30.1	27.7	28.6	30.5	27.2	28.6	27.0	25.2	25.9
17	29.1	24.8	26.5	29.7	27.3	28.3	30.0	27.7	28.7	25.2	23.7	24.4
18	29.7	24.5	26.6	28.0	27.3	27.7	29.8	27.3	28.4	25.4	23.5	24.3
19	30.4	25.1	27.1	27.8	25.1	26.9	29.6	24.9	28.1	25.2	23.1	24.0
20	30.1	25.8	27.5	27.8	26.1	26.7	29.4	25.6	27.5	25.6	22.1	23.7
21	28.5	26.2	27.3	28.0	26.1	26.8	29.4	27.1	28.2	25.7	22.5	23.9
22	27.3	26.3	26.7	28.9	26.5	27.3	28.8	27.0	27.9	25.8	23.4	24.4
23	29.1	25.4	27.0	29.3	26.8	27.8	30.0	25.6	27.8	26.2	24.3	25.1
24	29.6	26.3	27.3	29.7	26.8	27.9	29.9	26.0	27.3	26.7	24.6	25.4
25	29.0	26.1	27.4	29.7	26.8	27.9	29.5	26.2	27.8	26.5	24.2	25.1
26	29.7	26.1	27.5	30.1	26.8	27.9	29.1	27.6	28.5	26.3	24.4	25.2
27	27.8	26.2	26.8	28.8	26.6	27.4	28.8	27.4	27.9	26.1	25.0	25.6
28	29.8	26.4	27.5	28.6	24.7	26.7	29.1	26.9	27.9	25.5	24.2	24.8
29	28.5	25.6	26.5	26.6	25.7	26.1	28.4	26.9	27.6	25.2	23.6	24.2
30	27.9	25.3	26.2	26.8	25.5	26.0	28.6	26.1	27.2	23.7	22.9	23.4
31	---	---	---	27.0	25.7	26.3	28.9	26.2	27.2	---	---	---
MONTH	30.4	19.0	26.0	30.3	24.3	27.0	30.5	24.8	27.5	29.4	22.1	25.5
YEAR	30.5	10.3	22.5									

02197354 P-007 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°13'33", long 81°34'39", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, near the middle of the stream, 50 ft southeast of P Area, and 1700 ft southwest of SRP Road F.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 310 ft (from topographic map).

REMARKS.--Records fair. Flow completely regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2.4 ft³/s, July 19, 1984, gage height, 1.77 ft; minimum daily, 0.86 ft³/s Mar. 31, Apr. 1, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2.4 ft³/s, July 19, gage height, 1.77 ft; minimum daily, 0.86 ft³/s Mar. 31, Apr. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	1.1	1.1	1.0	.86	1.0	1.1	1.1	1.1	1.1
2			---	1.1	1.1	1.0	.88	1.0	1.0	1.1	1.1	1.1
3			---	1.1	1.1	1.0	.97	1.1	1.1	1.1	1.0	1.1
4			---	1.1	1.1	1.0	.99	1.1	1.0	1.1	1.1	1.1
5			---	1.1	1.1	.94	.90	1.1	1.1	1.1	1.1	1.1
6			---	1.1	1.1	1.0	.92	1.1	1.1	1.1	1.1	1.1
7			---	1.1	1.1	.98	.93	1.2	1.1	1.1	1.1	1.1
8			---	1.1	1.1	.99	.93	1.1	1.1	1.1	1.1	1.1
9			---	1.1	1.1	1.0	.93	1.1	1.1	1.1	1.1	1.1
10			---	1.1	1.1	1.1	.92	1.1	1.1	1.1	1.1	1.1
11			---	1.1	1.1	1.1	.92	1.1	1.1	1.1	1.1	1.1
12			---	1.1	1.1	1.1	.92	1.1	1.1	1.1	1.1	1.1
13			---	1.1	1.2	1.0	.95	1.1	1.1	1.1	1.1	1.1
14			---	1.1	1.0	.97	.96	1.1	1.1	1.1	1.1	1.1
15			---	1.1	1.0	.98	.98	1.1	1.1	1.1	1.1	1.1
16			---	1.1	1.0	.94	.91	1.1	1.1	1.1	1.1	1.1
17			---	1.1	1.0	.93	.92	1.1	1.1	1.1	1.1	1.1
18			---	1.1	1.0	.94	.99	1.1	1.1	1.1	1.1	1.1
19			---	1.1	1.0	.94	1.0	1.1	1.1	1.2	1.1	1.1
20			1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
21			1.1	1.1	1.0	.97	1.0	1.1	1.1	1.1	1.1	1.1
22			1.1	1.1	1.0	.96	1.1	1.1	1.1	1.1	1.1	1.1
23			1.1	1.1	1.0	.98	1.1	1.1	1.1	1.1	1.0	1.1
24			1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.1
25			1.2	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.1
26			1.2	1.1	1.0	.88	.95	1.2	1.1	1.1	1.1	1.1
27			1.1	1.1	1.1	.91	.99	1.2	1.1	1.1	1.1	1.1
28			1.1	1.1	1.0	1.0	1.0	1.2	1.2	1.1	1.1	1.1
29			1.2	1.1	1.0	.88	1.1	1.2	1.1	1.1	1.1	1.1
30			1.1	1.1	---	.88	1.0	1.1	1.1	1.1	1.2	1.1
31			1.1	1.1	---	.86	---	1.1	---	1.0	1.1	---
TOTAL			---	34.1	30.5	30.23	29.11	34.4	32.9	34.1	33.8	33.0
MEAN			---	1.10	1.05	.98	.97	1.11	1.10	1.10	1.09	1.10
MAX			---	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1
MIN			---	1.1	1.0	.86	.86	1.0	1.0	1.0	1.0	1.1

02197357 STEEL CREEK NEAR SNELLING, SC

LOCATION.--Lat 33°05'46", long 81°37'04", Barnwell County, Hydrologic Unit 03060106, 15.4 mi upstream from Lower Three Runs at mile 141.6.

PERIOD OF RECORD.--Water year 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 31.0°C July 13, 1980; minimum, 0.3°C Dec. 26, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.5°C June 20; minimum, 0.3°C Dec. 26.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.0	18.1	19.0	17.2	15.8	16.5	12.0	10.9	11.5	3.8	2.3	3.1
2	20.5	17.0	19.5	17.2	15.9	16.6	12.1	10.8	11.6	4.5	2.8	3.7
3	20.1	18.0	19.3	17.3	15.9	16.7	15.2	12.0	13.5	6.2	4.5	5.3
4	20.8	19.1	20.1	18.0	16.8	17.4	17.4	15.1	16.5	6.8	5.1	6.0
5	22.2	19.5	20.9	18.0	16.2	17.2	16.8	15.4	16.3	8.9	6.8	7.8
6	22.9	19.7	21.3	16.0	14.3	15.0	18.5	16.6	17.4	9.7	7.6	8.7
7	22.1	19.1	20.9	14.5	13.6	14.1	16.4	12.3	13.9	10.3	9.1	9.8
8	20.2	19.0	19.6	16.1	14.4	15.2	12.2	10.6	11.2	9.5	8.0	8.9
9	---	---	---	17.1	16.1	16.6	10.5	9.3	9.9	9.6	7.9	8.9
10	---	---	---	18.4	17.0	17.8	10.5	8.3	9.8	11.6	9.5	10.5
11	---	---	---	17.8	14.8	16.2	13.1	10.4	11.7	11.8	10.1	11.2
12	22.0	21.3	21.8	14.6	12.4	13.3	14.4	13.1	13.9	10.1	7.9	8.8
13	23.1	22.0	22.5	12.2	11.1	11.6	14.4	13.5	14.0	7.8	6.5	7.1
14	22.2	18.6	20.2	11.4	10.1	10.9	14.0	13.1	13.6	6.9	6.2	6.5
15	19.5	16.5	17.7	13.8	11.4	12.7	13.7	12.5	13.3	7.9	6.7	7.3
16	18.6	16.9	17.7	13.7	12.2	13.1	12.4	10.9	11.5	8.7	7.9	8.3
17	19.2	17.9	18.4	12.1	10.9	11.5	11.5	10.3	10.9	10.0	8.8	9.4
18	20.0	18.0	19.1	11.2	9.6	10.5	11.3	10.3	10.8	10.9	10.0	10.4
19	20.7	18.9	19.9	11.7	9.7	10.8	10.6	9.6	10.2	11.0	10.1	10.8
20	20.6	19.5	20.1	12.9	11.5	12.2	10.5	9.2	9.9	9.9	7.1	8.4
21	20.0	18.8	19.3	13.2	11.9	12.6	9.1	7.0	7.8	7.4	6.0	6.6
22	18.7	18.0	18.2	12.7	11.1	12.0	7.4	6.8	7.1	5.9	4.8	5.4
23	19.7	18.0	18.8	13.7	11.5	12.6	8.0	7.1	7.5	6.4	5.4	5.9
24	19.9	18.7	19.4	15.2	13.7	14.6	8.1	4.5	7.0	7.7	6.4	7.0
25	19.2	18.0	18.7	15.0	12.5	13.7	4.2	.8	2.0	9.3	7.8	8.5
26	18.6	17.0	18.0	12.4	10.9	11.7	.8	.3	.5	10.7	9.3	10.0
27	17.5	15.4	16.2	13.6	10.9	12.2	1.2	.4	.8	12.4	10.8	11.6
28	15.3	13.7	14.7	15.9	13.7	15.0	4.5	1.3	2.7	13.1	12.0	12.5
29	15.3	13.4	14.5	15.3	12.9	14.1	7.4	4.7	6.4	12.7	11.9	12.2
30	15.8	14.7	15.3	12.7	11.2	11.8	7.2	5.7	6.7	12.1	11.0	11.6
31	16.4	15.1	15.8	---	---	---	5.5	3.3	4.1	11.4	9.9	10.6
MONTH	23.1	13.4	19.0	18.4	9.6	14.0	18.5	.3	10.0	13.1	2.3	8.5

BEST COPY AVAILABLE

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.3	8.4	9.1	8.3	7.1	7.7	16.5	14.5	15.4	18.3	17.0	17.7
2	9.2	7.8	8.5	8.4	7.1	7.8	17.4	14.9	16.3	18.6	18.0	18.3
3	11.2	9.0	9.9	9.4	8.4	8.9	16.7	15.9	16.4	18.5	18.2	18.4
4	13.2	11.1	12.3	10.3	9.3	9.7	17.2	16.3	16.8	19.3	18.1	18.7
5	13.0	11.9	12.3	11.2	10.2	10.7	17.0	15.7	16.5	19.2	18.4	18.8
6	11.8	8.0	9.7	12.1	11.1	11.7	17.0	15.2	16.2	18.7	18.4	18.6
7	7.9	5.8	6.7	12.1	11.4	11.8	17.7	15.7	16.6	19.1	18.4	18.8
8	6.7	4.6	5.8	11.3	10.6	10.9	18.6	16.8	17.6	19.9	19.1	19.5
9	7.7	5.0	6.3	10.9	10.1	10.7	18.2	17.1	17.9	19.3	18.1	18.3
10	10.5	7.1	8.6	10.5	9.9	10.3	17.4	14.8	16.0	18.2	17.0	17.6
11	13.3	10.4	11.7	10.6	9.9	10.3	16.2	13.9	15.0	17.8	17.0	17.3
12	15.5	13.0	14.2	10.9	10.0	10.4	17.5	14.6	15.9	18.0	17.0	17.5
13	16.2	15.1	15.8	11.4	10.8	11.1	19.9	16.8	18.1	18.6	17.4	18.0
14	17.1	15.8	16.4	12.4	11.3	11.8	21.8	18.8	20.2	19.2	18.5	18.8
15	16.6	15.1	16.0	13.2	12.0	12.5	21.3	20.2	20.8	19.6	19.0	19.3
16	16.1	14.6	15.2	13.8	12.4	13.2	20.1	18.1	19.0	19.4	18.7	19.0
17	15.5	14.1	14.8	14.2	13.5	13.8	18.1	16.5	17.2	18.7	18.0	18.4
18	15.1	13.9	14.6	14.7	13.9	14.2	17.4	15.0	16.3	18.6	17.0	18.0
19	14.6	13.6	14.2	15.7	14.1	14.8	16.4	15.0	15.7	19.1	17.4	18.3
20	14.6	14.0	14.3	16.4	15.4	15.9	17.9	15.7	16.6	20.8	18.6	19.5
21	14.8	13.4	14.1	17.1	15.7	16.4	19.5	17.0	18.0	23.0	20.8	21.9
22	14.2	12.4	13.2	16.8	15.0	16.0	19.8	18.9	19.3	24.4	22.4	23.3
23	12.7	11.7	12.1	17.7	15.4	16.5	20.6	19.7	20.1	24.6	23.4	23.9
24	12.5	10.8	11.5	18.9	16.3	17.6	20.2	19.4	19.9	25.3	23.0	24.2
25	12.8	11.8	12.3	20.4	18.1	19.2	19.1	18.4	18.8	24.9	22.0	23.6
26	12.7	11.6	12.1	19.5	17.0	17.8	18.4	17.0	17.9	24.5	23.0	23.9
27	12.3	11.7	12.0	17.5	16.5	16.9	17.8	17.0	17.4	25.3	22.8	24.1
28	12.0	10.2	11.3	20.2	17.0	18.3	17.8	17.0	17.4	24.3	23.4	23.7
29	10.0	8.4	9.2	19.9	16.5	18.0	17.7	17.0	17.5	24.2	22.7	23.4
30	---	---	---	16.4	14.6	15.5	17.8	17.0	17.4	22.9	20.4	21.5
31	---	---	---	15.5	14.3	15.0	---	---	---	20.1	18.0	19.2
MONTH	17.1	4.6	12.0	20.4	7.1	13.5	21.8	13.9	17.5	25.3	17.0	20.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.2	17.0	18.8	25.7	23.7	24.7	22.0	21.3	21.8	26.7	24.8	25.9
2	21.5	18.1	19.8	25.3	24.2	24.7	25.6	21.7	24.2	26.6	24.6	25.7
3	23.4	20.0	21.6	25.3	23.7	24.6	26.2	25.2	25.7	26.6	24.7	25.8
4	24.7	21.4	23.0	27.0	24.5	25.6	25.7	24.2	24.9	26.3	25.1	25.8
5	25.7	22.4	24.2	27.4	25.5	26.5	24.1	23.5	23.8	25.6	23.5	24.4
6	26.5	23.9	25.1	27.8	25.7	26.7	23.4	22.4	23.1	23.4	22.0	22.8
7	26.7	24.3	25.5	27.5	25.9	26.6	23.4	22.4	23.0	22.7	21.0	21.9
8	26.2	23.8	25.2	27.1	25.6	26.4	23.4	22.7	23.1	21.9	20.2	21.1
9	25.9	23.5	24.8	27.2	25.3	26.2	23.5	22.4	23.2	21.9	20.9	21.5
10	25.9	23.2	24.5	26.9	24.9	26.0	23.7	23.0	23.4	23.1	21.8	22.4
11	26.2	23.4	24.8	27.7	25.5	26.5	23.7	23.0	23.4	24.7	22.0	23.5
12	26.3	24.0	25.1	28.1	26.1	27.0	23.7	23.1	23.5	25.3	23.2	24.3
13	25.8	23.9	24.9	28.3	26.4	27.3	24.0	23.5	23.8	26.1	24.3	25.1
14	26.8	23.9	25.3	27.9	26.6	27.3	24.8	23.9	24.4	26.4	24.5	25.5
15	27.2	24.7	25.9	27.5	26.0	26.8	25.4	24.3	24.9	26.4	24.8	25.7
16	27.7	25.0	26.3	27.9	25.9	26.8	26.2	25.2	25.7	25.5	21.8	23.4
17	27.7	25.2	26.3	27.9	26.1	26.9	26.6	25.7	26.1	21.7	20.0	20.7
18	27.6	24.8	26.2	27.7	25.2	26.2	27.0	25.9	26.4	20.7	19.1	20.0
19	28.0	25.2	26.6	25.2	24.4	24.8	27.1	26.1	26.5	21.1	19.1	20.2
20	28.5	26.1	27.2	24.7	23.1	23.9	26.2	25.1	25.7	20.5	18.2	19.5
21	27.3	26.1	26.8	24.9	23.6	24.2	25.7	24.8	25.2	20.9	18.5	19.8
22	26.5	25.4	25.8	25.3	24.4	24.8	25.0	24.0	24.6	21.9	19.5	20.8
23	26.3	24.5	25.4	25.6	23.9	24.8	25.7	23.8	24.7	22.8	20.9	21.8
24	26.7	24.7	25.7	25.7	24.0	24.9	25.9	24.2	25.0	23.8	21.8	22.8
25	26.9	25.0	25.9	26.4	24.4	25.2	26.0	24.1	25.0	24.2	22.1	23.2
26	27.1	25.1	26.1	27.2	25.3	26.2	25.1	24.2	24.7	24.3	22.0	23.3
27	25.7	24.5	25.1	28.1	25.3	26.4	24.7	23.7	24.2	23.7	21.7	22.9
28	26.4	24.0	25.0	26.2	24.5	25.3	25.2	23.5	24.4	21.5	19.1	20.1
29	25.4	24.5	24.9	24.3	23.2	23.8	25.4	24.0	24.7	20.2	18.4	19.3
30	25.5	24.1	24.6	23.8	23.4	23.5	25.8	24.1	25.0	19.5	18.9	19.1
31	---	---	---	24.2	22.2	23.5	26.7	24.8	25.7	---	---	---
MONTH	28.5	17.0	25.0	28.3	22.2	25.5	27.1	21.3	24.5	26.7	18.2	22.5
YEAR	28.5	.3	17.5									

02197359 STEEL CREEK AT OLD HATTIESVILLE BRIDGE AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°07'05", long 81°37'43", Barnwell County, Hydrologic unit 03060106, at Savannah River Plant, 0.5 mi downstream from Seaboard Coastline Railroad bridge, 1.0 mi west of eastern boundary fence.

DRAINAGE AREA.--34.4 mi².

PERIOD OF RECORD.--March 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 95 ft (from topographic map).

REMARKS.--Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 460 ft³/s Feb. 24, 1979, gage height, 4.50 ft; minimum daily, 3.4 ft³/s May 24, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 296 ft³/s, Mar. 25, gage height, 4.10 ft; minimum daily, 24 ft³/s June 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	47	72	101	103	117	82	122	97	58	92	40
2	73	52	83	80	131	115	83	101	63	43	80	36
3	108	78	86	88	144	112	111	101	54	38	71	36
4	87	131	98	131	109	110	147	152	52	33	53	35
5	90	114	80	136	88	127	230	122	52	28	54	37
6	84	80	118	95	86	167	151	97	54	31	56	38
7	93	73	137	61	88	248	138	172	67	41	58	39
8	76	74	83	62	93	169	132	171	43	32	111	36
9	95	72	70	57	94	104	131	119	35	34	81	39
10	81	72	91	65	95	107	117	101	33	37	62	46
11	77	71	80	81	86	91	104	93	30	40	49	40
12	93	63	108	71	96	104	103	86	29	41	70	41
13	111	73	89	71	122	119	100	81	30	41	100	39
14	133	99	105	90	206	112	99	79	37	35	74	41
15	113	58	107	86	125	196	113	76	33	34	88	38
16	115	54	92	90	99	137	90	72	29	34	82	41
17	136	40	74	95	103	119	64	99	28	35	50	41
18	124	46	66	103	103	115	58	94	25	66	44	41
19	114	46	68	130	100	99	48	97	24	94	44	39
20	111	64	67	110	78	83	103	55	25	146	132	38
21	124	93	69	99	70	125	109	57	28	91	68	39
22	147	72	84	91	73	104	100	89	33	80	58	39
23	166	56	81	96	111	186	175	111	35	63	41	39
24	164	104	81	116	88	100	129	123	30	52	96	39
25	152	196	72	132	94	206	102	122	31	48	57	39
26	133	157	61	122	97	145	79	121	29	51	57	46
27	121	114	64	144	162	102	74	169	35	102	67	54
28	112	119	76	134	194	140	96	168	48	101	58	55
29	107	94	116	130	130	234	76	267	39	117	60	68
30	96	72	100	116	---	122	161	215	60	112	59	66
31	60	---	117	112	---	163	---	143	---	132	42	---
TOTAL	3372	2444	2685	3095	3158	4178	3305	3635	1208	1890	2104	1263
MEAN	109	81.5	86.6	99.8	109	135	110	117	40.3	61.0	67.9	42.1
MAX	166	196	137	144	206	248	230	267	97	146	132	68
MIN	60	40	61	57	70	83	48	55	24	29	41	35

CAL YR 1983	TOTAL	26559	MEAN	72.8	MAX	196	MIN	31
WTR YR 1984	TOTAL	32337	MEAN	88.4	MAX	267	MIN	24

02197362 P-019 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'06", long 81°35'00", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on left wingwall of concrete weir, 50 ft north of junction of L-Line and Main Line railroad track, 1500 ft northwest of P Area.

PERIOD OF RECORD.--December 1983 to September 1984.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft (from topographic map).

REMARKS.--Records good. Flow regualted by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 480 ft³/s Feb. 21, 1984, gage height, 4.08 ft; minimum daily, 80 ft³/s Apr. 16-18, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 480 ft³/s, Feb. 21, gage height, 4.08 ft; minimum daily 80 ft³/s Apr. 16-18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	418	91	430	405	401	88	406	400	407
2			---	419	90	420	403	404	87	407	397	406
3			---	292	179	428	401	402	99	405	400	402
4			---	160	402	427	402	403	90	406	406	398
5			---	104	406	142	401	405	365	404	407	400
6			---	102	410	113	403	404	388	405	408	405
7			---	348	408	128	393	403	403	407	408	404
8			---	410	410	96	394	402	404	362	407	409
9			---	418	410	86	393	403	392	86	409	405
10			---	419	410	81	397	405	385	86	407	405
11			---	409	410	306	400	404	406	111	409	406
12			---	413	410	386	403	403	405	124	407	408
13			---	411	411	395	405	406	402	352	407	406
14			---	412	425	398	403	405	405	392	406	407
15			---	419	433	403	368	408	407	402	407	406
16			420	419	431	405	80	404	406	406	408	402
17			420	422	435	405	80	403	406	408	412	407
18			422	420	414	404	80	404	405	407	407	405
19			420	419	424	396	96	405	407	404	407	407
20			420	417	432	399	87	406	405	403	406	406
21			420	418	423	404	86	406	404	405	369	407
22			419	419	429	403	85	404	406	404	82	406
23			415	418	429	403	84	404	406	404	83	404
24			419	419	427	397	178	403	407	405	106	405
25			420	419	435	400	282	405	406	407	233	404
26			419	420	428	403	103	405	405	405	400	406
27			420	419	426	403	258	404	405	406	405	405
28			421	400	429	404	398	394	404	406	402	406
29			418	412	431	402	402	143	405	404	399	406
30			418	420	---	403	395	88	403	405	408	405
31			417	240	---	402	---	89	---	403	407	---
TOTAL			---	11655	11298	10672	8665	11625	10806	11237	11419	12155
MEAN			---	376	390	344	289	375	360	362	368	405
MAX			---	422	435	430	405	408	407	408	412	409
MIN			---	102	90	81	80	88	87	86	82	398

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March to September 1984.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March to September 1984.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 74.9°C Sept. 6, 7, 1984; minimum, 12.5°C Mar. 11, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 74.9°C Sept. 6, 7; minimum, 12.5°C Mar. 11.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				65.6	64.2	65.0	68.2	67.5	67.9	64.5	19.3	61.0
2				66.0	65.4	65.6	68.9	67.8	68.3	67.8	64.6	67.0
3				66.5	65.7	66.0	69.2	68.4	68.8	67.7	63.9	67.0
4				67.2	14.2	42.8	69.1	68.2	68.8	67.5	66.5	67.0
5				15.4	14.2	14.7	68.7	66.6	67.7	68.4	66.3	67.4
6				15.5	13.7	14.6	68.3	67.6	68.0	68.5	61.3	68.1
7				13.6	13.0	13.2	67.9	16.6	19.8	68.9	66.6	68.4
8				13.5	12.9	13.2	18.4	17.0	17.7	69.1	68.0	68.5
9				13.5	13.0	13.2	18.9	18.5	18.6	69.0	67.0	68.3
10				13.1	12.7	12.9	60.8	18.4	44.3	69.8	68.2	69.0
11				13.1	12.5	12.9	69.7	61.0	67.6	71.0	68.2	70.1
12				23.9	13.0	14.0	69.7	68.3	69.3	71.4	70.2	71.0
13				13.8	13.2	13.3	70.1	69.3	69.7	71.6	70.7	71.2
14				51.4	13.6	26.4	70.0	68.2	69.6	71.8	70.2	71.3
15				60.3	50.5	57.8	70.2	18.6	46.8	71.8	70.9	71.4
16				63.2	61.4	62.3	19.4	18.1	18.6	72.0	71.4	71.6
17				63.5	62.7	63.2	18.0	17.3	17.7	71.9	69.5	71.2
18				64.7	63.4	64.0	17.5	17.0	17.3	71.6	70.2	70.9
19				44.6	15.4	17.6	17.4	17.0	17.2	72.0	70.2	71.3
20				62.3	15.3	38.4	17.8	17.1	17.5	72.0	71.3	71.8
21				66.2	62.1	64.2	18.4	17.5	17.9	72.0	71.0	71.7
22				66.1	64.2	65.6	19.1	18.3	18.7	72.9	71.9	72.4
23				66.8	16.5	56.0	18.9	17.9	18.6	72.8	71.9	72.4
24				20.0	16.2	18.6	18.4	17.4	17.8	72.7	72.1	72.4
25				65.4	26.9	53.1	18.6	18.0	18.3	73.0	72.4	72.7
26				66.1	64.3	65.2	18.5	17.8	18.2	72.7	70.0	72.1
27				67.2	65.4	66.8	19.5	18.3	18.8	73.2	72.2	72.7
28				68.4	66.3	67.5	45.8	19.3	23.9	73.1	24.2	49.3
29				68.4	66.9	67.4	64.7	38.6	52.2	25.5	21.9	24.2
30				67.6	66.8	67.2	21.3	19.5	20.6	21.8	20.5	21.2
31				67.8	66.4	67.1	---	---	---	20.5	19.7	20.0
MONTH				68.4	12.5	43.5	70.2	16.6	38.2	73.2	19.3	64.0

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.1	19.5	20.6	73.3	72.1	72.8	73.5	28.4	51.0	---	---	---
2	23.1	22.1	22.6	73.3	72.5	73.0	37.4	28.2	30.7	---	---	---
3	23.7	22.6	23.1	73.3	72.4	73.0	61.7	36.5	49.5	---	---	---
4	24.2	23.3	23.8	73.5	72.6	73.1	73.4	68.1	72.5	---	---	---
5	25.6	24.1	24.7	73.5	72.8	73.2	73.8	73.0	73.4	69.0	37.3	50.0
6	25.5	24.0	24.9	73.6	72.8	73.2	73.7	73.2	73.5	74.9	67.9	72.5
7	59.4	24.6	42.0	73.9	73.0	73.4	73.6	72.9	73.3	74.9	74.3	74.6
8	68.3	58.5	63.3	73.9	28.9	53.3	74.0	73.1	73.7	74.6	73.9	74.3
9	70.2	26.1	46.5	30.0	28.0	29.4	74.0	73.3	73.7	74.2	73.9	74.1
10	35.4	25.8	27.2	27.6	26.1	26.6	74.0	73.3	73.7	73.9	72.6	73.5
11	68.6	36.1	59.6	26.6	25.9	26.3	74.0	70.4	73.7	73.6	73.3	73.5
12	72.0	67.5	70.5	26.4	25.8	26.1	74.0	73.5	73.7	73.9	72.5	73.5
13	72.3	70.7	71.7	28.6	25.8	27.9	73.9	73.5	73.8	74.1	73.6	73.8
14	71.9	69.9	71.1	29.5	28.4	29.0	74.0	73.3	73.7	74.2	73.7	74.0
15	72.1	70.2	71.1	58.4	28.8	38.3	74.1	73.5	73.9	74.1	73.4	73.9
16	72.7	71.3	71.9	70.4	57.4	58.7	74.2	73.8	74.0	73.9	72.7	73.7
17	72.2	71.4	71.8	73.3	69.8	71.6	74.4	74.0	74.2	73.6	73.1	73.3
18	72.5	68.5	71.5	73.3	72.2	72.9	74.3	73.7	74.0	73.6	72.0	73.3
19	73.2	65.5	72.6	73.3	70.9	72.6	74.0	73.8	73.9	73.6	72.0	73.3
20	73.7	72.8	73.1	73.2	72.0	72.8	---	---	---	73.7	72.3	73.4
21	73.7	72.4	73.1	73.0	72.7	72.9	---	---	---	73.5	72.7	73.3
22	73.9	71.8	72.8	73.5	72.7	73.2	---	---	---	73.6	71.7	72.9
23	73.7	73.1	73.4	73.7	73.2	73.4	---	---	---	73.6	72.7	73.1
24	73.7	72.7	73.3	73.6	72.4	73.1	---	---	---	73.9	73.2	73.5
25	73.6	72.7	73.1	73.7	73.1	73.4	---	---	---	73.9	73.1	73.6
26	73.9	72.5	73.2	73.9	73.1	73.6	---	---	---	74.0	72.4	73.6
27	73.4	71.7	72.8	73.8	73.3	73.5	---	---	---	74.2	73.6	74.0
28	73.6	71.3	73.0	73.7	72.0	73.3	---	---	---	74.0	73.1	73.6
29	73.7	73.2	73.4	73.7	73.1	73.3	---	---	---	73.3	72.2	73.1
30	73.5	72.8	73.1	73.5	72.8	73.1	---	---	---	73.2	72.2	73.0
31	---	---	---	73.5	72.9	73.2	---	---	---	---	---	---
MONTH	73.9	19.5	58.5	73.9	25.8	62.0	74.4	28.2	68.9	74.9	37.3	72.6
YEAR	74.9	12.5	58.2									

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC

LOCATION.--Lat 33°04'58", long 81°35'54", Allendale County, Hydrologic Unit 03060106, on left bank 2.8 mi downstream from Steel Creek, 12.6 mi upstream from Lower Three Runs, 3.7 mi west of Millett and at mile 138.8.

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--USGS Mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 31.4°C Sept. 7, 1982; minimum, 4.0°C Jan. 20, 1977.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 25.7°C July 16; minimum, 6.0°C Jan. 23.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.3	21.4	21.9	---	---	---	14.0	13.5	13.8	7.5	7.1	7.4
2	22.7	21.7	22.2	---	---	---	13.9	13.4	13.7	7.9	6.9	7.4
3	22.8	21.7	22.4	---	---	---	15.0	13.7	14.4	7.8	7.5	7.7
4	23.5	22.2	22.9	19.2	18.7	19.0	16.1	15.0	15.7	8.2	7.6	7.9
5	24.3	23.1	23.7	19.2	18.8	19.0	16.0	15.5	15.8	9.4	8.2	9.0
6	24.4	23.8	24.1	18.7	18.1	18.4	16.1	14.9	15.8	9.8	8.9	9.4
7	23.9	23.2	23.5	18.1	17.6	17.8	14.8	14.4	14.6	10.2	9.5	9.9
8	23.3	22.5	22.9	17.9	17.5	17.7	14.3	13.1	13.6	10.0	9.5	9.9
9	---	---	---	18.0	17.7	17.9	13.1	12.0	12.5	10.4	9.7	10.1
10	---	---	---	18.5	17.8	18.2	12.0	11.5	11.8	10.9	10.2	10.6
11	---	---	---	18.2	17.1	17.7	13.3	11.9	12.6	10.6	9.8	10.2
12	---	---	---	17.0	16.2	16.6	13.8	13.3	13.6	9.7	7.8	8.8
13	---	---	---	16.1	15.5	15.8	13.6	13.5	13.6	7.9	7.3	7.7
14	---	---	---	15.4	14.6	15.0	13.8	13.5	13.6	7.3	6.9	7.1
15	---	---	---	15.6	14.8	15.2	13.6	13.2	13.4	7.5	6.8	7.1
16	---	---	---	15.4	14.4	14.9	13.2	12.6	12.9	8.0	7.5	7.7
17	---	---	---	14.3	13.6	14.0	12.7	12.5	12.6	8.4	8.0	8.3
18	---	---	---	14.1	13.2	13.7	12.6	12.3	12.5	8.9	8.4	8.7
19	21.8	21.1	21.6	14.2	13.4	13.9	12.5	12.2	12.4	9.0	8.6	8.9
20	22.2	21.5	21.8	15.2	14.2	14.8	12.5	11.9	12.2	8.5	7.9	8.2
21	22.0	21.6	21.8	15.2	14.5	14.9	11.8	11.1	11.4	7.9	7.2	7.6
22	21.5	20.9	21.2	15.3	14.4	14.9	11.1	10.9	11.0	7.2	6.4	6.8
23	21.3	20.7	21.0	15.7	14.7	15.2	10.9	10.6	10.7	6.5	6.0	6.3
24	21.2	20.8	21.0	16.3	15.7	16.0	10.6	9.3	10.3	7.1	6.4	6.8
25	20.8	20.3	20.6	16.1	14.8	15.4	9.2	7.5	8.2	7.9	7.0	7.6
26	20.7	20.3	20.5	14.9	14.4	14.7	7.5	6.7	7.2	8.2	7.8	8.0
27	20.4	19.8	20.1	14.3	13.5	14.0	7.8	6.8	7.2	8.6	8.0	8.4
28	19.8	19.3	19.6	15.4	14.3	15.0	8.2	7.4	7.8	9.0	8.5	8.8
29	19.8	19.0	19.5	15.2	14.3	14.8	9.1	8.3	9.0	9.0	8.8	8.9
30	19.6	19.2	19.4	14.2	13.3	13.8	9.4	9.0	9.2	9.3	8.7	9.0
31	---	---	---	---	---	---	8.9	7.6	8.3	9.0	8.3	8.8
MONTH	24.4	19.0	21.5	19.2	13.2	17.0	16.1	6.7	12.0	10.9	6.0	8.5

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.3	7.6	7.9	8.0	7.6	7.9	15.1	14.1	14.6	17.3	16.8	17.1
2	8.0	7.5	7.7	8.3	7.6	8.0	15.5	14.8	15.2	17.5	17.0	17.2
3	8.4	7.9	8.1	9.1	8.2	8.7	15.5	15.1	15.3	17.5	17.0	17.1
4	8.9	8.3	8.6	9.8	9.1	9.4	15.1	14.7	14.9	17.4	16.6	17.0
5	9.2	8.8	9.0	10.5	9.8	10.2	14.8	14.4	14.6	18.0	16.9	17.5
6	9.0	8.0	8.5	11.0	10.5	10.8	14.4	13.8	14.0	18.4	17.7	18.1
7	8.0	7.1	7.5	10.9	10.5	10.7	14.4	13.7	14.1	18.5	18.2	18.4
8	6.9	6.5	6.7	10.4	10.0	10.3	15.5	14.3	14.9	18.6	18.1	18.4
9	7.3	6.6	7.0	10.4	10.0	10.2	15.7	15.5	15.6	18.1	17.2	17.7
10	8.3	7.2	7.7	10.0	9.6	9.8	15.6	14.6	15.2	17.1	16.7	16.9
11	9.3	8.2	8.8	10.1	9.5	9.8	14.6	13.9	14.2	17.1	16.5	16.8
12	11.0	9.3	10.1	10.3	9.6	10.0	14.0	13.3	13.6	17.4	16.7	17.1
13	12.1	11.0	11.6	10.8	10.3	10.6	15.3	14.0	14.7	18.0	17.2	17.6
14	12.5	12.1	12.3	11.2	10.6	10.9	16.3	15.3	15.8	18.8	17.9	18.4
15	12.3	10.7	11.5	11.9	10.9	11.4	16.6	16.1	16.4	19.2	18.6	18.9
16	11.4	10.7	11.1	12.5	11.7	12.1	16.8	16.2	16.5	18.6	17.5	17.9
17	11.3	10.8	11.2	12.9	12.4	12.7	16.6	15.9	16.2	17.7	16.8	17.3
18	10.7	10.2	10.4	13.2	12.6	12.9	15.9	15.3	15.6	17.5	16.8	17.2
19	10.9	10.6	10.8	14.3	13.1	13.7	15.4	14.9	15.2	17.7	17.0	17.4
20	11.6	10.8	11.3	14.9	14.2	14.6	15.3	14.7	15.0	19.3	17.8	18.6
21	11.4	10.4	11.0	14.7	13.9	14.4	15.1	14.4	14.7	20.7	19.4	20.0
22	10.4	9.2	9.7	13.8	12.8	13.2	14.9	14.4	14.6	21.7	20.6	21.3
23	9.4	9.0	9.2	13.3	12.8	13.1	15.4	14.9	15.2	22.0	21.2	21.6
24	9.0	8.6	8.9	14.1	13.1	13.6	15.4	15.1	15.3	22.0	21.4	21.7
25	10.0	9.0	9.5	15.6	14.0	14.9	15.7	15.0	15.4	21.9	21.1	21.6
26	10.3	9.8	10.1	15.4	14.8	15.2	16.6	15.6	16.1	22.6	21.9	22.2
27	10.4	10.2	10.3	15.3	15.1	15.2	16.6	16.2	16.4	22.8	21.7	22.2
28	10.4	8.7	9.9	16.1	15.1	15.6	16.2	16.0	16.1	22.0	21.4	21.8
29	8.6	8.1	8.3	15.9	14.3	15.2	16.4	15.9	16.1	21.5	21.1	21.4
30	---	---	---	14.4	13.9	14.2	17.0	16.3	16.6	21.5	20.0	21.1
31	---	---	---	14.3	14.0	14.2	---	---	---	---	---	---
MONTH	12.5	6.5	9.5	16.1	7.6	12.0	17.0	13.3	15.5	22.8	16.5	19.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.3	19.2	19.7	23.5	22.5	23.0	20.4	19.7	20.1	24.6	24.1	24.4
2	20.2	19.0	19.6	23.0	22.5	22.8	21.0	20.1	20.5	25.1	24.4	24.8
3	21.1	19.6	20.2	23.0	22.3	22.7	21.8	20.9	21.3	25.5	24.7	25.1
4	21.7	20.6	21.1	23.5	22.8	23.1	22.0	21.3	21.7	25.4	25.0	25.2
5	22.9	21.7	22.2	23.8	22.5	23.2	22.3	21.8	22.1	25.1	24.1	24.6
6	23.3	22.6	22.9	24.2	22.9	23.6	22.3	21.9	22.1	24.1	23.1	23.4
7	23.2	21.9	22.5	24.9	24.1	24.5	22.3	21.9	22.1	23.0	22.4	22.7
8	22.5	21.5	22.1	24.9	24.4	24.6	22.5	22.0	22.2	22.7	22.1	22.5
9	22.4	21.5	22.0	25.1	24.3	24.7	22.6	22.1	22.4	22.7	22.4	22.6
10	22.8	21.3	22.0	24.9	24.3	24.6	22.7	22.3	22.5	22.8	22.4	22.6
11	23.3	22.4	22.9	25.3	24.6	25.0	22.9	22.4	22.7	23.1	22.5	22.8
12	23.9	22.9	23.4	25.2	24.6	25.0	23.2	22.7	23.0	23.7	23.0	23.3
13	23.6	22.9	23.4	24.7	24.2	24.6	23.7	23.0	23.4	24.1	23.4	23.7
14	22.7	21.7	22.2	24.3	24.0	24.2	24.2	23.5	23.8	24.3	23.5	23.9
15	22.4	21.5	22.0	24.8	24.0	24.4	23.9	23.3	23.6	24.7	23.8	24.2
16	22.5	21.5	22.0	25.7	24.5	25.1	23.6	23.3	23.5	24.7	23.6	24.0
17	23.2	21.7	22.3	25.6	24.6	25.1	23.7	23.2	23.5	23.5	22.8	23.2
18	23.3	22.7	23.1	25.1	24.2	24.8	23.8	23.1	23.5	22.8	22.4	22.6
19	24.6	23.1	23.8	24.4	23.3	24.0	24.7	23.4	24.1	22.4	21.9	22.1
20	24.6	24.0	24.3	23.2	22.7	23.0	24.5	23.8	24.2	21.9	21.4	21.7
21	24.1	22.7	23.2	24.2	22.2	23.1	25.0	24.4	24.7	22.0	21.3	21.7
22	23.0	21.9	22.4	24.0	23.3	23.7	25.0	24.7	24.8	22.5	21.8	22.2
23	22.3	21.2	21.8	24.2	23.6	23.9	25.2	24.5	24.8	23.1	22.4	22.8
24	27.6	22.1	22.4	24.6	23.8	24.2	24.9	24.5	24.7	23.6	22.8	23.2
25	23.5	22.3	22.9	25.2	24.5	24.9	24.9	24.3	24.7	23.7	23.2	23.5
26	24.0	22.8	23.4	25.3	24.8	25.1	24.8	24.4	24.7	23.7	23.3	23.6
27	23.7	23.2	23.5	24.9	24.3	24.6	24.4	24.2	24.3	23.8	23.2	23.5
28	23.7	22.9	23.2	24.3	24.0	24.1	24.7	24.0	24.3	23.2	22.0	22.5
29	23.2	22.7	22.9	24.0	22.8	23.4	24.6	24.1	24.4	22.0	21.6	21.8
30	23.2	22.7	22.9	22.9	22.4	22.6	24.4	24.0	24.3	21.8	21.2	21.5
31	---	---	---	22.4	19.9	21.4	24.6	24.2	24.5	---	---	---
MONTH	24.6	19.0	22.5	25.7	19.9	24.0	25.2	19.7	23.5	25.5	21.2	23.0
YEAR	29.7	6.0	17.0									

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'07", long 81°31'00", Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on left upstream side of bridge at SRP Road B.

PERIOD OF RECORD.--April to September 1984.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: April to September 1984.

INSTRUMENTATION.--USGS mini-monitor since April 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 32.6°C June 19, 1984; minimum, 17.3°C Apr. 20, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 32.6°C June 19; minimum, 17.3°C Apr. 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---	23.4	21.8	22.5
2							---	---	---	22.6	21.9	22.3
3							---	---	---	21.7	19.9	21.2
4							---	---	---	21.0	20.2	20.7
5							---	---	---	21.2	20.5	20.9
6							---	---	---	21.7	20.7	21.2
7							---	---	---	24.2	20.8	22.6
8							---	---	---	23.5	21.9	22.8
9							---	---	---	23.9	22.4	23.2
10							---	---	---	23.2	22.1	22.8
11							---	---	---	22.2	21.3	21.8
12							---	---	---	22.5	20.9	21.7
13							19.7	18.7	19.2	22.9	21.5	22.3
14							22.5	18.3	20.1	24.1	22.2	23.4
15							22.5	19.3	21.1	25.6	23.9	24.9
16							20.9	19.1	20.2	26.1	24.5	25.3
17							19.8	18.8	19.3	26.0	24.7	25.3
18							19.5	18.4	18.9	26.8	24.9	25.8
19							19.0	17.9	18.7	26.0	25.1	25.5
20							19.9	17.3	18.9	26.8	25.0	25.7
21							20.9	18.5	19.5	27.2	25.3	26.3
22							20.1	19.2	19.6	28.0	26.5	27.2
23							20.8	19.3	20.1	28.4	27.0	27.8
24							19.8	19.0	19.5	29.4	28.0	28.5
25							21.0	18.7	19.9	30.6	27.8	29.2
26							22.9	19.5	20.8	30.5	28.4	29.4
27							21.0	19.9	20.3	29.9	28.7	29.2
28							23.0	20.2	21.6	29.3	27.1	28.2
29							22.1	20.5	21.5	29.1	27.0	27.7
30							22.5	20.8	21.8	28.4	26.4	27.2
31							---	---	---	27.3	26.1	26.7
MONTH							23.0	17.3	20.0	30.6	19.9	25.0

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	26.3	27.4	29.4	27.6	28.4	28.3	27.6	27.8	29.2	27.8	28.4
2	28.1	25.9	26.9	28.7	27.6	28.1	28.9	27.5	27.9	30.9	27.7	28.3
3	26.5	25.7	26.1	30.0	27.5	28.3	31.5	27.7	29.5	29.6	27.5	28.3
4	27.3	25.8	26.4	30.1	27.4	28.6	31.6	28.8	30.3	29.9	27.5	28.6
5	26.8	25.0	25.7	29.3	27.5	28.3	31.9	29.5	30.8	28.3	26.9	27.6
6	26.4	25.0	25.6	30.3	27.6	28.7	32.3	30.0	31.1	27.9	26.2	26.9
7	27.0	25.0	26.0	31.4	28.2	29.7	31.7	30.7	31.1	27.1	25.5	26.2
8	27.5	25.6	26.6	30.7	28.8	29.6	31.8	30.3	30.9	26.6	25.1	25.6
9	27.9	26.1	27.0	30.5	28.8	29.5	31.6	30.4	30.9	25.8	25.0	25.3
10	29.6	26.1	27.5	30.8	28.4	29.3	32.1	30.3	31.1	26.1	24.9	25.4
11	27.9	26.8	28.0	30.8	28.3	29.2	31.5	30.6	31.0	26.8	25.0	25.7
12	29.1	27.1	27.9	31.0	28.1	29.1	31.3	28.5	30.4	27.7	24.9	26.3
13	29.3	27.1	28.0	30.1	28.2	29.0	30.6	29.5	30.0	28.2	25.9	27.0
14	28.8	27.5	28.1	29.7	28.4	28.9	31.3	29.4	30.3	28.8	26.0	27.5
15	31.5	27.3	28.6	30.1	28.0	28.7	32.2	29.8	31.0	28.9	26.6	27.7
16	30.4	27.5	28.3	29.6	27.8	28.6	31.9	30.1	30.8	26.6	24.1	25.3
17	32.2	27.1	29.0	29.3	27.8	28.4	31.9	29.6	30.7	---	---	---
18	31.3	27.7	29.4	28.1	27.5	27.8	31.7	29.7	30.5	---	---	---
19	32.6	28.8	30.5	27.9	26.9	27.4	31.4	23.7	29.5	---	---	---
20	32.3	30.0	30.9	27.7	27.1	27.3	30.6	29.3	29.8	---	---	---
21	30.3	27.2	29.5	29.6	27.0	27.8	30.1	29.3	29.7	---	---	---
22	29.8	28.8	29.1	28.9	27.4	28.1	30.1	29.4	29.7	---	---	---
23	29.8	28.4	29.0	29.0	27.9	28.3	30.5	29.0	29.7	---	---	---
24	31.3	28.5	29.7	30.5	27.7	28.8	29.8	28.5	29.2	---	---	---
25	30.8	29.1	29.9	30.1	28.1	29.1	29.2	28.2	28.6	---	---	---
26	30.3	28.9	29.5	31.0	28.7	29.7	28.4	27.7	28.1	---	---	---
27	29.5	28.0	28.5	29.7	28.6	29.1	28.3	27.3	27.7	---	---	---
28	29.5	27.7	28.4	30.3	26.5	28.8	29.2	27.1	27.8	---	---	---
29	28.9	27.5	28.1	28.7	28.0	28.4	28.4	27.0	27.6	---	---	---
30	29.1	27.9	28.2	28.2	27.0	27.8	28.9	27.2	28.0	---	---	---
31	---	---	---	28.6	27.4	28.0	30.0	27.5	28.6	---	---	---
MONTH	32.6	25.0	28.0	31.4	26.5	28.5	32.3	23.7	29.5	30.9	24.1	26.9
YEAR	32.6	17.3	26.5									

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02197400 LOWER THREE RUNS NEAR SNELLING, SC

LOCATION.--Lat 33°10'35", long 81°28'50", Barnwell County, Hydrologic Unit 03060106, near left bank at upstream side of bridge on State road 20, 1.0 mi upstream from Patterson Branch and 4.7 mi south of Snelling.

DRAINAGE AREA.--59.3 mi².

PERIOD OF RECORD.--March 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 117 ft (from topographic map).

REMARKS.--Records fair, except those below 70 ft³/s, which are poor.

AVERAGE DISCHARGE.--10 years, 85.7 ft³/s, 20.22 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 735 ft³/s Mar. 13, 1980, gage height, 3.99 ft; minimum daily, 15 ft³/s Oct. 4-9, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 660 ft³/s May 7; gage height, 3.99 ft; minimum daily, 16 ft³/s Oct. 3, 1983.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	20	35	74	91	122	111	121	231	103	138	52
2	17	20	33	70	91	107	102	109	213	85	130	49
3	16	19	34	68	74	100	116	110	192	72	122	47
4	16	22	56	68	63	94	172	238	173	65	114	44
5	16	35	50	65	56	99	251	162	155	63	104	44
6	17	27	103	62	53	199	155	129	124	91	95	43
7	17	25	115	59	50	177	127	470	112	60	86	39
8	26	31	63	49	46	124	115	288	106	53	77	36
9	43	32	56	47	45	105	113	239	100	52	70	35
10	31	32	53	61	45	95	135	204	92	53	65	35
11	28	34	58	96	44	83	116	183	84	50	66	35
12	28	35	114	80	44	67	101	168	79	49	66	32
13	27	32	80	67	74	111	93	154	78	46	78	31
14	26	34	70	64	168	100	91	144	80	40	69	30
15	24	61	72	62	109	79	142	131	71	36	61	29
16	23	74	65	67	87	73	109	118	64	34	57	28
17	24	58	60	66	79	72	103	105	58	33	56	26
18	28	52	59	78	74	72	96	101	53	64	53	23
19	33	50	64	133	70	71	85	104	49	93	57	22
20	38	72	58	95	68	72	132	97	45	144	209	21
21	37	76	62	77	65	142	134	88	44	119	118	21
22	35	68	84	70	67	97	114	83	84	104	98	20
23	44	69	74	66	124	82	236	86	91	90	107	20
24	46	75	67	84	94	75	150	100	72	83	107	21
25	35	165	66	121	76	329	104	86	66	76	82	21
26	31	73	55	94	68	215	83	85	59	84	67	20
27	28	49	54	160	186	129	85	130	70	129	67	19
28	25	67	71	139	275	162	154	138	85	117	65	21
29	23	60	145	100	146	210	136	359	69	166	59	36
30	22	40	125	89	---	152	191	329	90	165	57	28
31	21	---	83	85	---	123	---	299	---	175	54	---
TOTAL	842	1507	2184	2516	2532	3738	3852	5118	2889	2594	2654	928
MEAN	27.2	50.2	70.5	81.2	87.3	121	128	165	96.3	83.7	85.6	30.9
MAX	46	165	145	160	275	329	251	470	231	175	209	52
MIN	16	19	33	47	44	67	83	83	44	33	53	19

CAL YR 1983 TOTAL 23876 MEAN 65.4 MAX 380 MIN 16
WTR YR 1984 TOTAL 31354 MEAN 85.7 MAX 470 MIN 16

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE, NEAR MILLHAVEN, GA

LOCATION.--Lat 32°56'20", long 81°30'10", Screven County (GA) - Allendale County (SC), Georgia-South Carolina State line. Hydrologic Unit 03060106, on right bank 500 ft downstream of bridge on U.S. Highway 301, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 129.2.

DRAINAGE AREA.--8,650 mi^2, approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1983 to September 1984.

GAGE.--Water-stage recorder. Datum of gage is 54.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Flow regulated by Hartwell Lake (see 02187250), by Clark Hill Lake (see 02194500), and by other powerplants above station.

AVERAGE DISCHARGE.--33 years, 10,650 ft^3/s, 16.72 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 141,000 ft^3/s Aug. 18, 1940; gage height, 27.0 ft; minimum daily, 2,120 ft^3/s Sept. 9, 1951.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by Corps of Engineers, discharge, 220,000 ft^3/s from rating curve extended above 141,000 ft^3/s.

EXTREMES FOR CURRENT YEAR: Maximum discharge, 33,900 ft^3/s May 12, gage height, 17.83 ft; minimum daily, 5,210 ft^3/s Nov. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6170	6070	6250	10200	17100	21000	17200	25300	12300	8060	15100	8530
2	5910	5830	6460	8090	16600	22200	15100	25100	11700	8140	16600	8100
3	5690	5700	6550	8080	16400	25200	13000	24300	10900	8340	17800	7330
4	5660	5560	6750	9800	16500	29200	13200	24000	9670	9160	19100	7040
5	5660	5570	6710	9520	16300	31000	13700	23700	8600	9690	20500	8480
6	5600	5930	8690	9040	14800	31100	14500	23900	8800	8940	22300	9640
7	6690	6040	11300	8890	11800	29600	15800	25500	9990	7970	24900	9970
8	6430	5810	13200	7430	11600	28000	15900	28500	10500	7890	27700	9260
9	6370	5700	14600	6510	12100	27900	14000	31100	10500	7770	29300	7710
10	6330	5640	14300	6240	12400	30100	12400	32300	10000	7940	29900	6950
11	6130	5830	10600	7530	12000	32800	12800	33300	8050	7960	30200	7290
12	6160	5660	8060	10000	9380	33000	13800	33600	7570	7380	30200	7600
13	8360	5460	8140	13800	7300	31300	14400	33000	9600	7700	29100	9300
14	8940	5350	9080	15700	8630	28400	14200	31100	10500	8210	26800	10500
15	7210	5220	8900	16500	12200	26300	13700	28100	10800	8020	24000	9680
16	6390	5210	8090	16000	14900	25300	12400	25200	11100	7390	21600	7800
17	6040	5400	10000	14100	16400	25300	11000	23100	10800	7110	19900	6730
18	5560	5770	11000	14200	17300	25600	11400	22000	8560	7320	18800	6820
19	5870	6610	9390	15000	17700	25500	11300	21400	7310	7770	17600	7270
20	6130	6720	7850	15800	17200	24100	11100	21000	7960	8790	14600	7730
21	5870	6190	8460	16700	14900	21600	12900	18800	9440	10400	10500	8020
22	6130	6060	9020	17800	14600	18600	151	[illegible]	00	9430	8910	7770
23	6250	6000	9770	18800	15300	17000	16800	11200	10100	8560	8130	6640
24	6470	5810	10200	19400	16000	15800	18300	9850	9170	8120	9260	5780
25	6850	5370	8700	19200	16800	14500	19500	9840	7740	7860	9470	6880
26	7220	7620	8930	18700	17700	13400	20600	8600	6980	8190	8720	7740
27	7080	10500	12200	18800	19000	14300	21700	8250	7070	8450	8090	8110
28	6540	8520	12300	18900	20100	14600	22900	9380	8060	8830	7600	8040
29	6290	6620	11000	19100	20500	14700	23900	10200	8780	9150	7910	7710
30	6250	6220	10500	19000	---	15600	24800	11300	8180	9730	8640	7310
31	6200	---	10500	18200	---	16700	---	13000	---	12300	8680	---
TOTAL	198650	184490	297500	427030	433510	729700	467400	660420	280830	262570	551960	237720
MEAN	6408	6150	9597	13780	14950	23540	15580	21300	9361	8470	17810	7924
MAX	8940	10500	14600	19400	20500	33000	24800	33600	12300	12300	30200	10500
MIN	5560	5210	6250	6240	7300	13400	11000	8250	6980	7110	7600	5780

CAL YR 1983 TOTAL 4507030 MEAN 12350 MAX 58000 MIN 5210
WTR YR 1984 TOTAL 4731780 MEAN 12930 MAX 33600 MIN 5210

02198500 SAVANNAH RIVER NEAR CLYO, GA
(National stream-quality accounting network station)
(Radiochemical program station)
(Pesticide program station)

LOCATION.--Lat 32°31'30", long 81°15'45", Effingham County (GA) - Jasper County (SC), Hydrologic Unit 03060109, at Georgia-South Carolina State line, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi north of Clyo, and at mile 60.9.

DRAINAGE AREA.--9,850 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1929 to September 1933, October 1937 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

REVISED RECORDS.--WSP 1112: 1940.

GAGE.--Water-stage recorder. Datum of gage is 13.41 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records good. Flow regulated by Hartwell Lake (see sta 02187250), by Clark Hill Lake (see sta 02194500), and by other powerplants above station.

AVERAGE DISCHARGE.--51 years, 12,090 ft³/s, 16.67 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 270,000 ft³/s Oct. 6, 1929, gage height, 29.7 ft, present datum (from information by Corps of Engineers), from rating curve extended above 120,000 ft³/s; minimum daily, 1,950 ft³/s Sept. 27, 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 37,700 ft³/s May 14, gage height, 16.48 ft; minimum daily, 5,720 ft³/s Nov. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6730	6480	7210	12100	20800	19700	17200	23400	13400	9200	12100	9100
2	6560	6310	7130	11900	20600	20900	17600	25300	13900	8200	13100	9000
3	6340	6170	7330	10800	20200	21900	18200	26700	14200	8000	14000	8650
4	6130	6040	7760	9750	19700	22900	18700	28100	14200	8500	14300	7970
5	6050	6010	8010	10400	19200	24100	18500	28600	13600	9660	15500	7560
6	6040	6170	8000	10700	18700	27300	17900	28400	12100	10200	16200	8310
7	6130	6330	9030	10400	18200	31900	17400	27700	10900	9940	16900	9470
8	6660	6260	10700	10100	17700	35400	17200	27100	10900	9100	17900	9960
9	6730	6130	11700	9110	16500	35900	17400	27000	11200	8610	19200	9770
10	6630	6040	12600	8040	15400	34700	17700	27900	11300	8380	21500	8630
11	6600	6100	13200	7500	14600	33200	17800	30200	11000	8340	25100	7580
12	6480	6090	13400	8110	14100	32600	17400	33600	9740	8350	28800	7500
13	6500	5950	11900	9780	13200	33900	16900	36300	8640	7970	31000	7800
14	7860	5850	10300	11500	11200	36000	16600	37500	9520	7960	32000	8880
15	8840	5770	10500	12700	10600	36800	16500	37500	10400	8360	32200	10000
16	7970	5720	10800	13600	11800	35500	16300	36400	10900	8360	31200	10200
17	6960	5750	10300	14300	13000	33100	16100	34100	11200	7970	29600	8810
18	6510	5940	10800	14900	14100	30900	15500	31500	11200	7580	27300	7450
19	6110	6350	11600	15300	15000	29300	14700	28900	10100	7760	24800	7110
20	6160	6990	11500	15500	15900	28400	14100	26600	8390	8040	22800	7380
21	6370	6920	10200	15600	16500	28000	13600	24600	8220	8850	21200	7770
22	6270	6590	9930	15800	17200	27700	13400	23300	9330	10000	19500	8100
23	6410	6470	10200	16100	17600	26900	14200	22300	10100	10100	16800	7990
24	6540	6450	10700	16600	17400	25300	15200	20700	10400	9430	13300	7230
25	6690	6500	11000	17300	17100	23500	16000	18000	9990	8890	11200	6400
26	6990	6650	10500	18100	16900	21900	16700	15000	8790	8640	10700	6820
27	7330	8410	9990	19000	17300	20200	17700	12200	7800	9070	10100	7660
28	7360	10100	11300	19800	18100	18900	18800	10500	7640	9510	9420	8140
29	6990	9410	12400	20400	18900	17900	20100	11100	8290	10000	8760	8470
30	6660	7850	12700	20800	---	17400	21600	12000	9620	10500	8530	8140
31	6580	---	12400	20800	---	17100	---	12700	---	11100	8970	---
TOTAL	208180	197800	325090	426790	477500	849200	507000	785200	316970	276470	584530	247850
MEAN	6715	6593	10490	13770	16470	27390	16900	25330	10570	8913	18860	8262
MAX	8840	10100	13400	20800	20800	36800	21600	37500	14200	11100	32200	10200
MIN	6040	5720	7130	7500	10600	17100	13400	10500	7640	7580	8530	6400

CAL YR 1983	TOTAL	4880550	MEAN	13370	MAX	57900	MIN	5720
WTR YR 1984	TOTAL	5202580	MEAN	14210	MAX	37500	MIN	5720

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1965 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, MF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)
OCT												
11...	0925	6610	90	7.3	21.0	6.0	765	7.3	82	--	--	--
NOV												
01...	0830	6500	82	7.2	17.0	6.0	763	8.2	85	--	--	--
19...	1300	6370	87	6.5	15.0	5.7	763	8.6	85	2900	260	17
DEC												
13...	0915	12300	77	6.9	12.5	19	760	8.2	77	--	--	--
JAN												
10...	1200	8010	78	7.1	9.5	11	759	8.4	74	--	--	--
FEB												
14...	1030	11300	62	7.0	11.5	23	762	9.0	83	--	--	--
26...	1330	16800	60	7.0	10.5	--	761	9.5	85	K900	200	14
MAR												
07...	0845	31500	48	6.8	12.0	23	764	8.0	74	--	--	--
APR												
03...	1100	18300	61	6.8	15.0	23	766	7.2	71	--	--	--
MAY												
08...	1005	27100	59	6.8	21.0	15	763	6.0	67	--	--	--
24...	1900	19900	71	5.9	22.5	9.8	763	5.8	67	K650	410	17
JUN												
05...	0940	13800	68	7.0	22.0	16	767	6.6	75	--	--	--
JUL												
10...	0845	9520	88	7.1	26.5	11	767	6.2	77	--	--	--
AUG												
07...	1010	17000	57	6.6	24.0	15	765	5.8	69	--	--	--
15...	1545	31200	54	6.6	25.5	4.1	765	6.2	75	80	680	15
SEP												
11...	0940	7750	79	6.9	23.0	10	762	8.4	98	--	--	--

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
OCT												
11...	--	--	--	--	--	--	--	21	--	--	--	--
NOV												
01...	--	--	--	--	--	--	--	19	--	--	--	--
19...	0	4.7	1.3	11	56	1	1.5	23	9.4	8.6	<.10	9.4
DEC												
13...	--	--	--	--	--	--	--	16	--	--	--	--
JAN												
10...	--	--	--	--	--	--	--	22	--	--	--	--
FEB												
14...	--	--	--	--	--	--	--	19	--	--	--	--
26...	0	3.7	1.2	5.5	43	.7	1.4	15	5.5	5.1	<.10	8.7
MAR												
07...	--	--	--	--	--	--	--	12	--	--	--	--
APR												
03...	--	--	--	--	--	--	--	16	--	--	--	--
MAY												
08...	--	--	--	--	--	--	--	17	--	--	--	--
24...	0	4.6	1.4	6.9	44	.7	1.4	19	6.2	6.0	.10	8.4
JUN												
05...	--	--	--	--	--	--	--	19	--	--	--	--
JUL												
10...	--	--	--	--	--	--	--	21	--	--	--	--
AUG												
07...	--	--	--	--	--	--	--	18	--	--	--	--
15...	0	4.2	1.2	4.6	37	.5	1.4	17	3.7	4.0	<.10	9.3
SEP												
11...	--	--	--	--	--	--	--	22	--	--	--	--

02198500 SAVANNAH RIVER NEAR CLYO, GA—Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS TOTAL (MG/L AS PO4)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT												
11...	—	—	—	—	—	—	—	.20	.070	—	—	—
NOV												
01...	—	—	—	—	—	—	—	.20	—	—	—	—
19...	64	60	.09	1100	.32	.090	.12	.60	.080	.25	.050	.040
DEC												
13...	—	—	—	—	—	—	—	.30	.110	—	—	—
JAN												
10...	—	—	—	—	—	—	—	.30	.080	—	—	—
FEB												
14...	—	—	—	—	—	—	—	.40	.050	—	—	—
26...	37	41	—	—	.21	.090	.12	.40	.030	.09	.020	.020
MAR												
07...	—	—	—	—	—	—	—	1.1	.080	—	—	—
APR												
03...	—	—	—	—	—	—	—	.60	.050	—	—	—
MAY												
08...	—	—	—	—	—	—	—	.30	.060	—	—	—
24...	62	47	.08	3330	.33	.160	.21	.40	.060	—	.040	.040
JUN												
05...	—	—	—	—	—	—	—	.30	.100	—	—	—
JUL												
10...	—	—	—	—	—	—	—	—	.080	—	—	—
AUG												
07...	—	—	—	—	—	—	—	—	.060	—	—	—
15...	91	39	.12	7670	<.10	.070	.04	.20	.050	—	.030	.030
SEP												
11...	—	—	—	—	—	—	—	—	.140	—	—	—

DATE	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)
NOV												
19...	.12	20	<1	85	<.5	<1	<1	<3	1	170	3	<4
FEB												
26...	.06	80	1	82	<1.0	1	<1	<3	1	200	4	<4
MAY												
24...	.12	20	<1	27	<.0	<1	<1	<3	1	630	4	<4
AUG												
15...	.09	30	1	12	<.0	<1	<1	<3	1	380	3	5

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV												
19...	10	.2	<10	1	<1	<1	31	<6	31	4	67	26
FEB												
26...	14	.3	<10	<1	<1	<1	26	<6	48	7	327	72
MAY												
24...	30	.6	<10	1	<1	<1	35	<6	6	10	527	93
AUG												
15...	19	.3	<10	2	<1	1	30	<6	<3	5	430	30

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV								
19...	<1.1	<.6	2.0	<.7	1.8	<.6	.07	.05

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--34°23'40", long 80°09'00", Darlington County, Hydrologic Unit 0340201, at plant intake structure on Black Creek, 2.3 mi upstream from Beaverdam Creek, and 4.7 mi west of Hartsville. Drainage area, 173 mi^2. Records available November 1960 to current year.

Lake used for cooling water at the Robinson Steam-Electric Generating Plant of Carolina Power and Light Co. Put in operation 1960. Records furnished by Carolina Power and Light Co.

SANTEE RIVER BASIN

02145900 LAKE WYLIE.--Lat 35°01'15", long 81°00'30", York County, Hydrologic Unit 03050101, at powerplant on Catawba River, 2.0 mi upstream from Big Dutchman Creek, 3.5 mi upstream from U.S. Highway 21, 3.5 mi northwest of Fort Mill, and at mile 138.5. Drainage area, 3,020 mi^2, approximately. Records available October 1960 to current year. Records of stage August 1925 to September 1960 collected by Duke Power Company. Gage, float gage, and indicator in powerhouse. Datum of gage is 469.4 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Lake, used for hydroelectric power development, was first put in operation August 1925. Usable capacity, 2,520,500,000 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 4,022,000,000 ft^3. Records furnished by Duke Power Co.

02147300 FISHING CREEK RESERVOIR.--Lat 34°36'00", long 80°53'34", Chester County, Hydrologic Unit 03050103, at Fishing Creek dam, 0.25 mi upstream from State Highway 97, 0.5 mi upstream from Fishing Creek, 2.5 mi north of Great Falls, and at mile 100.5. Drainage area 3,810 mi^2, approximately. Records available October 1960 to current year. Records of stage November 1916 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 317.2 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was first put in operation November 1916. Usable capacity 667,000,000 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 963,100,000 ft^3. Records furnished by Duke Power Co.

02147800 WATEREE RESERVOIR.--Lat 34°20'15", long 80°42'10", Kershaw County, Hydrologic Unit 03050104, at Wateree Reservoir dam, 0.8 mi upstream from Graungs Quarter Creek, 8.75 mi northwest of Camden, and at mile 73.5. Drainage area 4,750 mi^2, approximately. Records available October 1960 to current year. Records of stage October 1919 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 125.5 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was put in operation in 1917. Usable capacity 2,794,000,000 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 ft^3. Records furnished by Duke Power Co.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s)
Sept. 30, 1983	220.4	1,290		96.7	8,683		96.9	1,201		97.0	5,902	
Oct. 31	220.6	1,310	7.5	97.0	8,832	55.6	97.3	1,254	19.8	97.1	5,957	20.5
Nov. 30	220.9	1,339	11.2	97.1	8,881	18.9	94.9	951	-116.9	97.9	6,404	172.5
Dec. 31, 1983	220.65	1,315	-9.0	97.3	8,981	37.3	95.8	1,061	41.1	97.3	6,068	-125.4
CAL YR 1983			-1.1			4.7			2.0			1.8
Jan. 31, 1984	220.6	1,310	-1.9	97.5	9,082	37.7	97.4	1,267	76.9	97.7	6,292	33.6
Feb. 29	220.75	1,324	5.6	99.5	10,119	413.9	99.8	1,601	133.3	101.3	8,400	341.3
Mar. 31	221.15	1,364	14.9	99.7	10,226	39.9	98.5	1,416	-69.1	100.3	7,850	-205.3
Apr. 30	220.65	1,315	-18.9	97.0	8,832	-537.8	96.2	1,111	-117.7	97.0	5,902	-151.5
May 31	221.05	1,354	14.6	99.5	10,119	480.5	98.9	1,472	134.8	97.0	5,902	0.0
June 30	220.55	1,305	-18.9	97.1	8,881	-477.6	95.4	1,012	-177.5	97.8	6,348	172.1
July 31	221.2	1,369	23.9	97.3	8,981	37.3	94.7	927	-31.7	97.6	6,235	-42.2
Aug. 31	220.6	1,310	-22.0	97.3	8,981	0.0	94.8	939	4.5	97.1	5,957	-103.8
Sept. 30, 1984	220.45	1,295	-5.8	96.8	8,733	-95.7	98.5	1,416	184.0	94.9	4,790	-454.1
WTR YR 1984			0.2			1.6			6.3			-35.5

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1984 in South Atlantic Slope basins.

Station Number	Station name	Location	Drainage area (mi²)	Period of record	Annual maximum Probable date	Annual maximum Gage height (feet)	Annual maximum Discharge (ft³/s)
		Pee Dee River basin					
02130400	Little Bear Creek near Chesterfield, SC	Lat 34°40'09", long 80°09'11", Chesterfield County, on upstream side of culvert on State Highway 145, 5.5 mi southwest of Chesterfield.	4.10	1975-84	2-27-84	5.94	(*)
02130550	Herndon Branch near Bennettsville, SC	Lat 34°38'27", long 79°44'46", Marlboro County, on upstream side of culvert on State Highway 9, 4.5 mi northwest of Bennettsville.	3.34	1975-84	2-27-84	3.30	(*)
02130800	Back Swamp near Darlington, SC	Lat 34°18'11", long 79°46'07", Darlington County, on upstream side of culvert on State Highway 35, 5.7 mi east of Darlington.	6.22	1975-84	4-05-84	5.85	(*)
02131110	Jeffries Creek above Florence, SC	Lat 34°10'40", long 79°48'34", Florence County, at bridge on State Highway 29, 2.6 mi southwest of Florence, and 5.0 mi upstream from confluence with Middle Swamp.	46.6	1968-84	7-29-84	5.33	259
02131460	Neds Creek near Kershaw, SC	Lat 34°32'39", long 80°37'39", Kershaw County, on upstream side of concrete pipe culvert on State Highway 413, 1.0 mi upstream from Little Lynches River, and 3.2 mi east of Kershaw.	3.98	1975-84	3-29-84	1.71	(*)
02131500	Lynches River near Bishopville, SC	Lat 34°15'00", long 80°12'50", Lee County, near center of span on downstream side of bridge on U.S. Highway 15, 1.0 mi upstream from Seaboard Coast Line Railroad bridge, 2.9 mi northeast of Bishopville, 3.0 mi downstream from Bells Branch, and at mile 89.5.	675	1942-71† 1972-84	3-31-84	15.12	(*)
02131990	Carter Creek at Effingham, SC	Lat [illegible]03'51", long 79°46'03", Florence County, on upstream side of culvert on U.S. Highway 301, 0.8 mi northwest of Effingham, and 0.9 mi upstream from Lynches River.	8.28	1974-84	2-21-84	3.61	(*)
02132100	Two Mile Branch near Lake City, SC	Lat 33°53'38", long 79°45'38", Florence County, at culvert on U.S. Highway 378 By-Pass, and 1.4 mi north of Lake City.	19.0	1974-84	3-31-84	5.11	202
02132500	Little Pee Dee River near Dillon, SC	Lat 34°24'17", long 79°20'25", Dillon County, on downstream side of bridge on State Highway 9, 1.9 mi southeast of Dillon, 3.9 mi upsteam from Maple Swamp, and at mile 88.3.	526	1939-71† 1972-84	4-05-84	10.43	3210
02135620	Belt Branch near Manning, SC	Lat 33°41'54", long 80°13'51", Clarendon county, on downstream side of culvert on State Highway 261, 1.1 mi upstream from Pocotaligo Swamp.	0.83	1974-84	5-30-84	5.51	34
02136010	Chaney Swamp near Greeleyville, SC	Lat 33°35'12", long 79°56'48", Williamsburg County, at culvert on U.S. Highway 52, 2.5 mi upstream from Rocky Ford Swamp, and 2.5 mi east of Greeleyville.	17.0	1974-84	5-04-84	6.36	340
		Santee River Basin					
02147600	Scabber Branch near Great Falls, SC	34°30'17", long 81°00'22", Fairfield County, on upstream side of box culvert on State Highway 200, 1.1 mi upstream of Big Wateree Creek, and 7.0 mi southwest of Great Falls.	4.55	1975-84	3-06-84	5.51	379
02153500	Broad River at Gaffney, SC	Lat 35°05'20", long 81°34'20", Cherokee county, on right bank at downstream side of bridge on U.S. Hwy. 29, 0.3 mi upstream from Cherokee Creek, 4.4 mi downstream from Gaston Shoals Dam, 4.5 mi east of Gaffney, and at mile 270.3.	1490	1938-71† 1972-84	2-14-84	12.67	39,900

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1984 in South Atlantic Slope basins.

Station Number	Station name	Location	Drainage area (mi^2)	Period of record	Probable date	Gage height (feet)	Discharge (ft^3/s)
		Santee River basin--Continued					
02153750	Buck Horn Creek near York, SC	Lat 35°02'09", long 81°18'44", York County, on upstream side of culvert on State Highway 5, 4.5 mi upstream from Bullocks Creek, and 4.0 mi northwest of York.	5.23	1975-84	3-06-84	4.99	(+)
02156300	Lawsons Fork Creek at Spartanburg, SC	Lat 34°56'53", long 81°52'08", Spartanburg County, on downstream side of bridge on secondary road, 0.8 mi east of Spartanburg.	74.7	1966-70† 1970-84	2-14-84	13.24	2980
02157500	Middle Tyger River at Lyman, SC	Lat 34°56'35", long 82°08'00", Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman.	68.3	1937-68† 1970-84	2-14-84	9.36	2690
02159600	Dutchman Creek near Pauline, SC	Lat 34°47'55", long 81°52'46", Spartanburg County, on downstream side of bridge on County Road 90, 75 feet downstream from Smith Creek and 2.2 mi southwest of Pauline.	8.97	1966-84	2-15-84	7.80	1240
02160000	Fairforest Creek near Union, SC	Lat 34°40'45", long 81°41'25", Union County, on right bank at downstream side of bridge on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union, and at mile 7.5.	183	1940-71† 1972-84	12-07-84	5.31	3500
02160130	Enoree River near Travelers Rest, SC	Lat 34°59'21", long 82°25'15", Greenville County, on upstream side of culvert on U.S. Highway 25, 0.6 mi upstream from North Enoree River and 2.0 mi northeast of Travelers Rest.	5.37	1974-84	2-14-84	4.05	160
02160500	Enoree River near Enoree, SC	Lat 34°36'38", long 81°54'35", Spartanburg County, on left bank 60 ft upstream from bridge on State Highway 49, 0.6 mi upstream from Warrior Creek, 3.0 mi southeast of Enoree, and at mile 47.7.	307	1929-76† 1977-84	5-07-84	5.23	6170
02160800	Second Creek near Pomaria, SC	Lat 34°20'06", long 81°30'11", Newberry County, on upstream side of culvert on U.S. Highway 176, 5.5 mi upstream of Hellers Creek, and 7.2 mi northwest of Pomaria.	1.87	1975-84	1-11-84	3.96	36
02162500	Saluda River near Greenville, SC	Lat 34°50'32", long 82°28'51", Pickens County, on right bank 700 ft upstream from bridge on State Road 124, 1.6 mi downstream from Saluda Lake Dam, 2.4 mi upstream from Georges Creek, 4.6 mi west of City Hall in Greenville, and at mile 132.0.	295	1941-84	12-11-83	8.43	4450
02163000	Saluda River near Pelzer, SC	Lat 34°40'05", long 82°27'55", Anderson County, on right bank 0.4 mi downstream from Hurricane Creek, 1.9 mi north of Pelzer, and at mile 114.2.	405	1929-71† 1972-84	12-12-83	5.60	5260
02165350	Dirty Creek Tributary near Laurens, SC	Lat 34°29'44", long 82°05'13", Laurens County, on upstream side of culvert on State Highway 252, 2.8 mi upstream of Dirty Creek and 4.1 mi west of Laurens.	1.21	1975-84	7-30-84	4.54	75
02167200	Campbell Creek Tributary near Cross Hill, SC	Lat 34°18'18", long 81°58'53", Laurens County, at culvert on State Highway 560, 1.8 mi upstream from Campbell Creek, and 4.4 mi northeast of Cross Hill.	0.62	1974-84	12-06-83	9.08	(+)
02167750	Camping Creek Tributary near Prosperity, SC	Lat 34°12'35", long 81°30'08", Newberry County, on upstream side of culvert on County Road 437, 0.35 mi above Camping Creek, and 1.8 mi east of Prosperity.	0.52	1974-84	12-06-83	4.53	41
02169540	Savanna Branch near Cayce, SC	Lat 33°55'47", long 81°07'05", Lexington County, on upstream side of culvert on South Carolina Highway 215, 0.75 mi upstream from Congaree Creek and 3.9 mi southwest of Cayce.	7.15	1974-84	5-31-84	3.10	134
02169960	Lake Marion Tributary near Vance, SC	Lat 33°27'26", long 80°26'32", Orangeburg County, on upstream side of box culvert on State Highway 6, 1.4 mi upstream from Lake Marion and 2.0 mi northeast of Vance.	2.12	1975-84	11-15-83	3.98	77

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1984 in South Atlantic Slope basins.

Station Number	Station name	Location	Drainage area (mi²)	Period of record	Probable date	Gage height (feet)	Discharge (ft³/s)
		Edisto River basin					
02172500	South Fork Edisto River near Montmorenci, SC	Lat 33°04'35", long 81°30'50", Aiken County, near center of span on downstream side of bridge on State Highway 215, 0.4 mi upstream from Cedar Creek, 1 mi upstream from Shaw Creek, 7.6 mi northeast of Montmorenci, and at mile 167.3.	198	1939-66† 1967-84	2-29-84	7.50	1190
02173250	Ritter Branch near Perry, SC	Lat 33°38'10", long 81°16'04", Aiken County, at culvert on State Highway 14, 0.3 mi upstream from Hollow Creek, 2.6 mi southeast of Perry.	2.22	1975-84	5-07-84	2.64	(+)
		Combahee River basin					
02175300	Turkey Creek near Barnwell, SC	Lat 33°17'05", long 81°21'46", Barnwell County, at bridge on State Highway 168, 0.5 mi downstream from Long Branch, and 3.0 mi north of Barnwell.	22.8	1975-84	5-07-84	6.33	(+)
02175450	Savannah Creek near Ehrhardt, SC	Lat 33°02'03", long 81°03'11", Colleton County, on upstream side of culvert on State Highway 641, 1.2 mi upstream from Salkehatchie River, and 6.0 mi north of Miley.	3.02	1975-84	5-13-84	7.04	(+)
02176100	Remick Swamp near Hendersonville, SC	Lat 32°48'45", long 80°42'20", Colleton County, at culvert on U.S. Highway 17-A, 1.5 mi upstream from Bluehouse Swamp, and 2.0 mi northeast of Hendersonville.	7.67	1975-84	3-30-84	3.46	(+)
		Savannah River basin					
02184100	Cleveland Creek near Fairplay, SC	Lat 34°31'32", long 82°59'29", Oconee County, on upstream side of culvert on State Highway 59, 1.0 mi northwest of Fairplay, and 2.4 mi upstream from Beaver Dam Creek.	5.61	1974-84	12-04-83	a	(+)
02185400	Cane Creek near Walhalla, SC	Lat 34°46'48", long 83°06'22", Oconee County, on upstream side of culvert on State Highway 28, 2.5 mi northwest of Walhalla.	1.08	1975-84	12-04-83	5.82	(+)
02187900	Broadway Creek near Anderson, SC	Lat 34°30'09", long 82°35'00", Anderson County, at bridge on State Highway 48, 0.1 mi downstream from Cupboard Creek and 3.8 mi east of Anderson.	26.4	1975-84	2-14-84	9.82	1300
02192450	Camp Creek near Honea Path, SC	Lat 34°23'18", long 82°29'00", Anderson County, on upstream side of culvert on State Highway 185, 2.0 mi upstream from Little River, and 6.7 mi southwest of Honea Path.	1.59	1975-84	2-14-84	6.79	(+)
02192500	Little River near Mount Carmel, SC	Lat 34°04'13", long 82°30'02", McCormick County, on right bank, 480 ft downstream from Island Ford bridge, and 4.5 mi north of Mount Carmel.	217	1939-70† 1971-84	1-11-84	15.50	4240
02195660	Log Creek near Edgefield, SC	Lat 33°48'03", long 81°52'39", Edgefield County, on upstream side of culvert on State Highway 23, 3.3 mi east of Edgefield.	1.18	1975-84	2-13-84	4.65	(+)
02197410	Miller Creek Tributary near Baldoc, SC	Lat 33°04'08", long 81°24'26", Allendale County, on upstream side of culvert on State Highway 125, 0.6 mi upstream from Miller Creek, and 1.1 mi southeast of Baldoc.	7.51	1975-84	8-20-84	4.10	(+)

+ Discharge not determined.
† Operated as a continuous-record gaging station.
a Stage not determined.
b Date unknown.

GROUND WATER RECORDS

331940081443501. Local number, AK-430.

LOCATION.--Lat 33°19'40", long 81°44'35", Hydrologic Unit 03060106, Federal land, at Savannah River Plant near Aiken. Owner: U.S. Department of Energy.

AQUIFER.--Sands of the Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 18 in from surface to 279 ft, 8 in from 279 to 605 ft, depth 605 ft, screened intervals 390-400, 455-465, 590-600 ft.

DATUM.--Land-surface datum is 357 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

REMARKS.--Formerly listed AK-2 or LA-4 before 1974. Also known as SRP-4M.

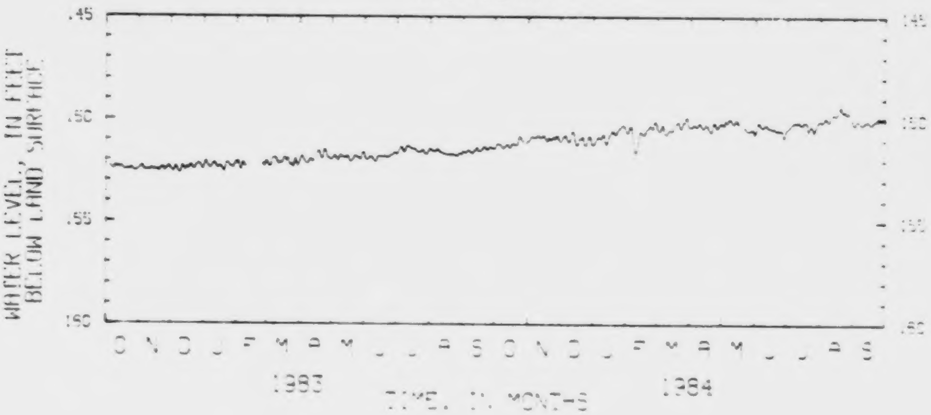
PERIOD OF RECORD.--1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 144.82 ft below land-surface datum, Feb. 23, 1966; lowest, 153.99 ft below land-surface datum, Sept. 16, 18, 19, 24, 26, 1970.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	151.41	151.07	151.07	151.24	150.57	150.45	150.37	150.19	150.66	150.47	150.09	150.22
2	151.31	151.03	151.07	151.20	150.66	150.50	150.37	150.26	150.52	150.43	150.11	150.29
3	151.21	150.95	150.97	151.09	150.62	150.56	150.35	150.29	150.31	150.39	150.11	150.21
4	151.22	150.86	150.84	151.01	150.41	150.56	150.27	150.05	150.13	150.32	150.08	150.07
5	151.24	150.86	150.85	150.92	150.33	150.41	150.26	150.15	150.20	150.25	150.01	150.06
6	151.24	150.89	150.76	150.86	150.43	150.26	150.29	150.13	150.30	150.22	149.90	150.10
7	151.31	150.87	150.89	150.89	150.88	150.39	150.33	150.04	150.35	150.15	149.97	150.14
8	151.39	150.88	151.03	150.93	151.35	150.69	150.33	149.96	150.37	150.16	150.09	150.12
9	151.41	150.86	151.10	150.89	151.59	150.71	150.25	150.01	150.34	150.15	150.10	150.08
10	151.34	150.78	151.09	150.76	151.66	150.75	150.18	150.11	150.26	150.14	150.02	150.17
11	151.30	150.80	150.89	150.72	151.48	150.62	150.26	150.19	150.26	150.13	149.87	150.17
12	151.25	150.89	150.61	151.04	151.16	150.57	150.36	150.21	150.30	150.13	149.80	150.13
13	151.23	150.88	150.62	151.20	150.83	150.52	150.43	150.13	150.38	150.19	149.74	150.11
14	151.33	150.85	150.70	151.17	150.61	150.55	150.39	150.02	150.40	150.26	149.76	150.08
15	151.38	150.79	151.02	151.00	150.66	150.58	150.31	150.07	150.40	150.27	149.78	150.07
16	151.29	150.81	151.22	150.80	150.70	150.50	150.23	150.17	150.44	150.22	149.79	150.15
17	151.21	150.92	151.26	150.74	150.73	150.42	150.29	150.22	150.46	150.13	149.73	150.24
18	151.19	151.03	151.18	150.65	150.74	150.32	150.42	---	150.44	150.12	149.68	150.23
19	151.20	151.09	150.95	150.55	150.65	150.21	150.53	---	150.45	150.17	149.56	150.16
20	151.23	150.91	150.95	150.64	150.52	150.15	150.59	---	150.51	150.22	149.37	150.13
21	151.24	150.91	150.96	150.68	150.45	150.14	150.59	150.32	150.56	150.60	149.49	150.05
22	151.21	151.01	150.84	150.73	150.45	150.29	150.40	150.38	150.52	150.44	149.61	150.06
23	150.93	151.01	150.98	150.67	150.31	150.41	150.16	150.46	150.51	150.32	149.61	150.03
24	150.83	150.91	151.25	150.55	150.35	150.45	150.15	150.53	150.54	150.35	149.58	149.91
25	150.91	150.85	151.29	150.45	150.40	150.21	150.31	150.55	150.54	150.44	149.69	149.88
26	150.98	150.94	151.18	150.46	150.46	150.14	150.44	150.56	150.56	150.65	149.71	149.89
27	151.04	150.90	151.00	150.35	150.22	150.15	150.38	150.55	150.63	150.50	149.64	149.93
28	151.18	150.77	150.86	150.32	150.09	149.95	150.27	150.51	150.90	150.39	149.79	149.93
29	151.18	150.85	150.83	150.29	150.27	149.89	150.25	150.47	150.79	150.27	149.96	149.89
30	151.17	150.99	151.01	150.33	---	150.17	150.19	150.48	150.58	150.15	150.02	149.93
31	151.10	---	151.22	150.45	---	150.35	---	150.72	---	150.07	150.06	---
MEAN	151.21	150.91	150.98	150.76	150.68	150.38	150.33	---	150.45	150.23	149.83	150.10
MAX	151.41	151.09	151.29	151.24	151.66	150.75	150.59	---	150.90	150.65	150.11	150.29
MIN	150.83	150.77	150.61	150.29	150.09	149.89	150.15	---	150.13	150.07	149.37	149.88

HYDROGRAPH



BARNWELL COUNTY

332358081252000. Local number, BW-78.

LOCATION.--Lat 33°23'58", long 81°25'20", Hydrologic Unit 03050207, 26 ft south of West Street, 41 ft east of Elko Street in Williston.
Owner: Town of Williston.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 12 in from surface to 500 ft, 10 in from 500 to 785 ft, depth 785 ft, screened intervals 568-578, 599-604, 638-658, 702-712, 734-744, 760-770 ft, gravel packed.

DATUM.--Land-surface datum is 340 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

REMARKS.--Test hole Gamma logged Aug. 6, 1970 to 808 ft. Resistivity logged Aug. 6, 1970 to 800 ft. Local number (BRN-78) revised.

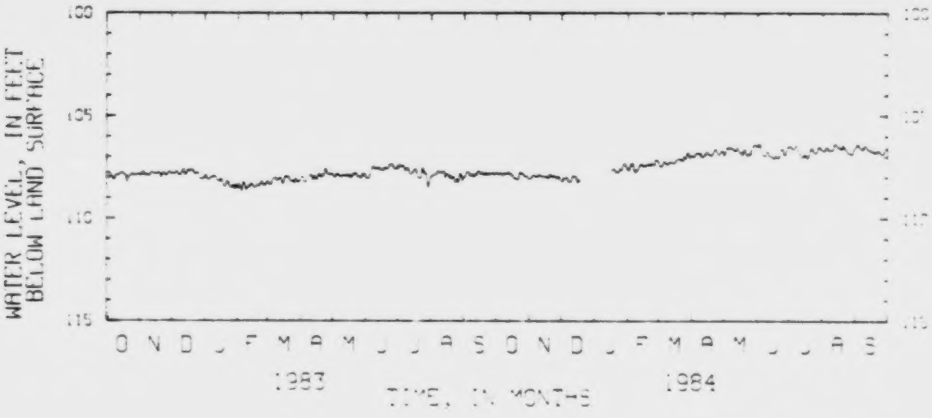
PERIOD OF RECORD.--July 1981 to current year.

EXTREMES OF PERIOD OF RECORD.--Highest mean water level 106.36 ft below land-surface datum, Aug. 13, 1984; lowest, 108.67 ft below land-surface datum, Feb. 4, 1983.

WATER LEVEP, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	107.78	108.09	108.18	---	107.61	107.38	106.95	106.97	106.51	106.52	106.68	106.55
2	107.78	108.06	108.22	---	107.68	107.42	106.98	106.84	106.41	106.49	106.70	106.43
3	107.85	108.01	108.04	---	107.52	107.54	107.01	106.72	106.38	106.57	106.71	106.37
4	107.85	107.93	108.01	---	107.37	107.46	106.88	106.55	106.56	106.61	106.66	106.49
5	107.80	107.92	108.09	---	107.31	107.37	106.82	106.61	106.80	106.63	106.55	106.56
6	107.84	107.92	108.02	---	107.46	107.22	106.84	106.54	106.89	106.60	106.60	106.62
7	107.94	107.96	108.14	---	107.63	107.29	106.88	106.62	106.93	106.50	106.70	106.64
8	107.85	107.97	108.26	---	107.79	107.32	106.83	106.57	106.94	106.45	106.68	106.66
9	107.82	107.95	108.20	---	107.70	107.40	106.82	106.62	106.95	106.63	106.67	106.60
10	107.85	107.86	108.18	---	107.67	107.37	107.07	106.68	106.75	106.79	106.67	106.48
11	107.81	107.93	108.02	---	107.58	107.26	106.96	106.72	106.77	106.84	106.67	106.53
12	107.79	107.97	107.93	---	107.47	107.28	106.96	106.67	106.94	106.94	106.46	106.60
13	107.77	107.94	107.99	---	107.39	107.26	106.93	106.58	106.98	107.03	106.36	106.66
14	107.90	107.99	107.94	---	107.35	107.30	106.84	106.66	106.99	107.04	106.45	106.67
15	107.88	108.00	108.05	---	107.45	107.33	106.76	106.77	107.02	106.91	106.53	106.75
16	107.93	107.96	108.28	107.69	107.48	107.29	106.85	106.76	107.06	106.89	106.53	106.69
17	108.07	107.97	108.21	107.67	107.46	107.21	106.88	106.86	107.05	107.05	106.51	106.71
18	108.04	108.06	108.09	107.62	107.44	107.16	106.92	106.93	106.98	107.08	106.62	106.77
19	108.09	108.03	---	107.62	107.38	107.13	106.98	106.79	107.03	106.98	106.63	106.82
20	108.08	107.85	---	107.72	107.37	107.13	106.88	106.65	107.04	106.89	106.46	106.78
21	108.10	107.92	---	107.74	107.42	107.10	106.80	106.77	107.06	106.67	106.50	106.75
22	108.03	108.00	---	107.79	107.45	107.14	106.72	106.92	106.96	106.56	106.63	106.75
23	107.76	107.97	---	107.73	107.32	107.22	106.63	106.96	106.72	106.68	106.62	106.72
24	107.78	107.92	---	107.71	107.34	107.18	106.75	106.86	106.63	106.78	106.75	106.76
25	107.84	107.98	---	107.60	107.42	106.99	106.86	106.90	106.65	106.81	106.81	106.89
26	107.86	108.08	---	107.64	107.38	107.08	106.90	106.76	106.86	106.82	106.80	106.86
27	107.92	108.00	---	107.45	107.17	107.02	106.87	106.65	106.96	106.78	106.86	106.89
28	107.99	107.98	---	107.40	107.15	106.78	106.75	106.51	106.75	106.66	106.87	106.76
29	107.94	108.08	---	107.34	107.29	106.89	106.73	106.44	106.66	106.51	106.89	106.63
30	108.00	108.14	---	107.40	---	107.08	106.73	106.43	106.52	106.58	106.72	106.60
31	108.07	---	---	107.55	---	107.03	---	106.45	---	106.63	106.61	---
MEAN	107.90	107.98	---	---	107.45	107.21	106.86	106.70	106.82	106.74	106.64	106.66
MAX	108.10	108.14	---	---	107.79	107.54	107.07	106.97	107.06	107.08	106.89	106.89
MIN	107.76	107.85	---	---	107.15	106.78	106.63	106.43	106.38	106.45	106.36	106.37

HYDROGRAPH



BARNWELL COUNTY

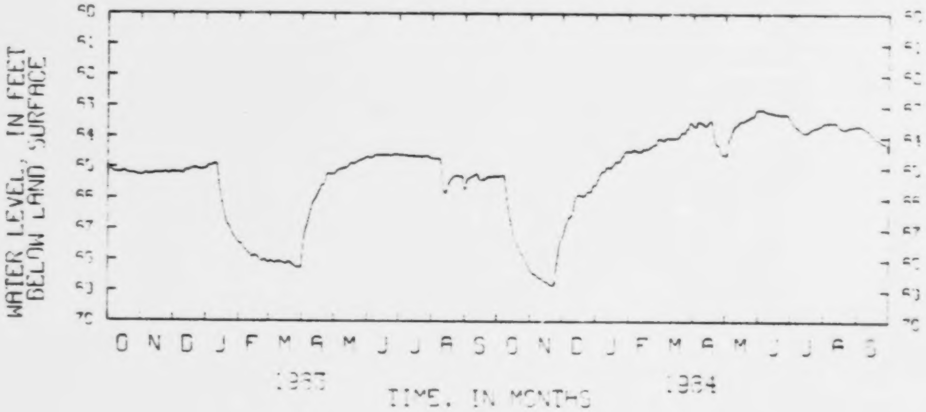
331518081280301. Local number, BW-102.
LOCATION.--Lat 33°15'18", Long 81°28'03", Hydrologic Unit 03060106, Chem-Nuclear plant near Barnwell.
OWNER: Chem-Nuclear Systems, Inc.
AQUIFER.--Ellenton Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 404 ft, screened interval 394-404 ft.
DATUM.--Land-surface datum is 258.15 ft, National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.10 ft above land-surface datum.
REMARKS.--Also known as CE-7M and WM0014. Local number (BRN-102) revised
PERIOD OF RECORD.--August 1976 to current year.
EXTREMES OF PERIODS OF RECORD.--Highest mean water level 63.11 ft below land-surface datum, May 31-June 5, 1984; lowest, 70.46 ft below land-surface datum, May 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65.28	68.33	67.24	65.54	64.46	64.06	63.61	64.57	63.11	63.41	63.54	63.63
2	65.28	68.38	67.15	65.47	64.47	64.08	63.64	64.60	63.11	63.48	63.54	63.63
3	65.28	68.42	67.03	65.39	64.47	64.09	63.66	64.45	63.11	63.54	63.53	63.64
4	65.28	68.44	66.88	65.32	64.45	64.10	63.63	64.10	63.11	63.59	63.53	63.64
5	65.27	68.45	66.80	65.23	64.42	64.10	63.51	64.02	63.11	63.63	63.52	63.65
6	65.26	68.47	66.70	65.16	64.41	64.06	63.50	63.98	63.13	63.66	63.52	63.66
7	65.26	68.51	66.61	65.12	64.43	64.03	63.51	63.88	63.16	63.68	63.52	63.68
8	65.37	68.54	66.60	65.11	64.45	64.03	63.52	63.77	63.17	63.71	63.52	63.70
9	65.66	68.57	66.57	65.11	64.46	64.03	63.54	63.68	63.18	63.75	63.52	63.72
10	66.00	68.58	66.51	65.08	64.47	64.04	63.54	63.64	63.19	63.78	63.52	63.74
11	66.28	68.59	66.38	64.99	64.47	64.04	63.60	63.62	63.20	63.81	63.52	63.76
12	66.48	68.61	66.14	64.98	64.47	64.04	63.62	63.60	63.20	63.83	63.53	63.79
13	66.65	68.65	66.02	65.00	64.46	64.04	63.62	63.56	63.21	63.85	63.55	63.84
14	66.82	68.68	65.94	65.00	64.41	64.03	63.59	63.52	63.22	63.85	63.60	63.87
15	66.99	68.70	65.89	64.99	64.39	64.03	63.54	63.49	63.22	63.85	63.64	63.89
16	67.13	68.71	65.88	64.96	64.39	64.03	63.49	63.48	63.23	63.85	63.67	63.93
17	67.24	68.72	65.89	64.92	64.39	64.02	63.47	63.48	63.24	63.83	63.70	63.98
18	67.33	68.75	65.90	64.88	64.38	64.00	63.48	63.48	63.25	63.81	63.72	64.03
19	67.42	68.79	65.91	64.82	64.37	63.97	63.66	63.46	63.25	63.78	63.73	64.05
20	67.51	68.81	65.91	64.80	64.35	63.94	63.95	63.43	63.25	63.75	63.73	64.06
21	67.60	68.81	65.91	64.80	64.32	63.85	64.12	63.41	63.26	63.73	63.72	64.07
22	67.70	68.82	65.88	64.80	64.31	63.84	64.22	63.39	63.27	63.71	63.72	64.09
23	67.76	68.83	65.84	64.80	64.26	63.85	64.24	63.38	63.26	63.69	63.70	64.12
24	67.79	68.74	65.78	64.76	64.25	63.86	64.25	63.35	63.26	63.68	63.68	64.15
25	67.83	68.31	65.77	64.66	64.24	63.80	64.34	63.33	63.26	63.68	63.66	64.17
26	67.89	68.08	65.77	64.64	64.24	63.72	64.45	63.32	63.25	63.67	63.66	64.18
27	67.96	67.84	65.77	64.58	64.19	63.72	64.53	63.31	63.26	63.65	63.66	64.19
28	68.06	67.57	65.74	64.50	64.05	63.63	64.56	63.30	63.28	63.64	63.66	64.21
29	68.14	67.38	65.62	64.47	64.05	63.51	64.56	63.21	63.33	63.62	63.64	64.23
30	68.20	67.31	65.57	64.46	---	63.53	64.57	63.13	63.37	63.60	63.64	64.46
31	68.27	---	65.56	64.45	---	63.57	---	63.11	---	63.57	63.64	---
MEAN	66.81	68.45	66.17	64.93	64.36	63.92	63.85	63.61	63.21	63.70	63.61	63.93
MAX	68.27	68.83	67.24	65.54	64.47	64.10	64.57	64.60	63.37	63.85	63.73	64.46
MIN	65.26	67.31	65.56	64.45	64.05	63.51	63.47	63.11	63.11	63.41	63.52	63.63

CAL YR 1983 MEAN 66.17 MAX 68.83 MIN 64.57
WTR YR 1984 MEAN 64.71 MAX 68.83 MIN 63.11

HYDROGRAPH



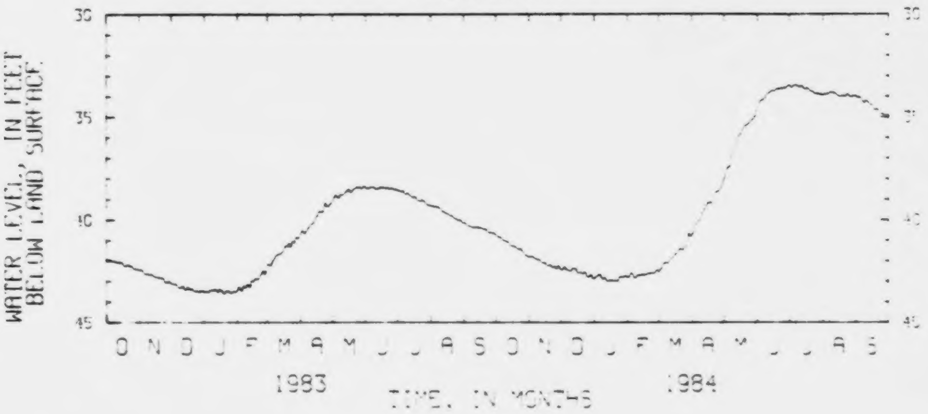
331518081280302. Local number, BW-151.
LOCATION.--Lat 33°15'18", Long 81°28'03", Hydrologic Unit 03060106, Chem-Nuclear plant near Barnwell.
OWNER: Chem-Nuclear Systems, Inc.
AQUIFER.--McBean Formation.
WELL CHARACTERISTICS.--Drilled observation well diameter 4 in, depth 151 ft, screened interval 151-161 ft.
DATUM.--Land-surface datum is 258.51 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.40 ft above land-surface datum.
REMARKS.--Also known as CE-75 and #M0015. Local number (BRN-151) revised. Record estimated Sept. 16-17, 1984.
PERIOD OF RECORD.--Sept. 1976 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 33.46 ft below land-surface datum, June 30, July 6-7, 1984; lowest, 46.63 ft below land-surface datum, Jan. 3, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SE
1	40.75	41.80	42.44	42.85	42.80	42.57	40.73	38.04	34.55	33.47	33.92	33.
2	40.79	41.81	42.44	42.81	42.82	42.47	40.65	37.88	34.39	33.53	33.91	34.
3	40.85	41.80	42.37	42.77	42.71	42.40	40.50	37.63	34.29	33.56	33.89	34.
4	40.84	41.78	42.29	42.75	42.60	42.37	40.27	37.46	34.21	33.51	33.88	34.
5	40.84	41.82	42.41	42.68	42.62	42.19	40.16	37.47	34.19	33.47	33.87	34.
6	40.88	41.88	42.41	42.65	42.70	42.10	40.11	37.44	34.18	33.46	33.86	34.
7	40.97	41.90	42.45	42.76	42.83	42.10	40.06	37.28	34.13	33.46	33.82	34.
8	41.01	41.93	42.49	42.87	42.85	42.11	40.02	36.95	34.07	33.47	33.80	34.
9	41.02	41.95	42.50	42.90	42.79	42.09	39.96	36.76	33.96	33.52	33.81	34.
10	41.06	41.94	42.51	42.82	42.73	42.09	39.74	36.64	33.89	33.55	33.82	34.
11	41.07	41.98	42.44	42.82	42.70	42.02	39.63	36.52	33.85	33.52	33.83	34.
12	41.08	42.07	42.36	42.96	42.71	41.90	39.57	36.33	33.82	33.48	33.84	34.
13	41.12	42.08	42.39	42.99	42.68	41.87	39.46	36.17	33.78	33.54	33.88	34.
14	41.23	42.11	42.39	42.98	42.67	41.84	39.35	35.98	33.74	33.61	33.93	34.
15	41.26	42.12	42.44	42.98	42.69	41.81	39.27	35.89	33.72	33.64	33.98	34.
16	41.28	42.12	42.58	42.95	42.70	41.70	39.18	35.83	33.73	33.63	34.00	34.
17	41.29	42.19	42.60	42.95	42.68	41.66	39.16	35.79	33.72	33.61	34.00	34.
18	41.30	42.23	42.59	42.98	42.65	41.64	39.17	35.71	33.67	33.61	34.00	34.
19	41.32	42.25	42.55	42.98	42.65	41.56	39.17	35.56	33.64	33.68	33.99	34.
20	41.37	42.20	42.59	42.98	42.61	41.46	39.13	35.45	33.63	33.74	33.95	34.
21	41.40	42.21	42.65	42.98	42.60	41.37	39.07	35.42	33.65	33.76	33.99	34.
22	41.46	42.31	42.57	43.00	42.62	41.44	38.93	35.41	33.61	33.76	34.02	34.
23	41.42	42.32	42.57	42.97	42.61	41.48	38.69	35.35	33.61	33.81	33.93	34.
24	41.41	42.29	42.62	42.82	42.58	41.45	38.63	35.29	33.60	33.86	33.88	34.
25	41.49	42.28	42.78	42.79	42.59	41.35	38.64	35.26	33.59	33.86	33.95	34.
26	41.56	42.39	42.78	42.79	42.63	41.32	38.60	35.17	33.59	33.87	34.01	34.
27	41.63	42.37	42.78	42.79	42.54	41.30	38.52	35.15	33.59	33.87	34.03	34.
28	41.72	42.25	42.70	42.78	42.46	41.07	38.42	35.10	33.56	33.89	34.00	34.
29	41.73	42.29	42.68	42.76	42.46	40.64	38.34	35.01	33.52	33.91	33.98	34.
30	41.77	42.41	42.84	42.73	---	40.79	38.17	34.98	33.46	33.92	33.98	34.
31	41.79	---	42.89	42.77	---	40.80	---	34.66	---	33.92	33.95	--
MEAN	41.25	42.10	42.55	42.86	42.66	41.71	39.38	36.12	33.83	33.66	33.93	34.
MAX	41.79	42.41	42.89	43.00	42.85	42.57	40.73	38.04	34.55	33.92	34.03	34.
MIN	40.75	41.78	42.29	42.66	42.46	40.64	38.17	34.66	33.46	33.46	33.80	33.

CAL YR 1983	MEAN	40.82	MAX	43.61	MIN	38.36
WTR YR 1984	MEAN	38.70	MAX	43.00	MIN	33.46

HYDROGRAPH



BARNWELL COUNTY

331518081280300. Local number, BW-154.

LOCATION.--Lat 33°15'18", Long 81°28'03", Hydrologic Unit 03060106, Chem-Nuclear plant near Barnwell.

OWNER: Chem-Nuclear Systems, Inc.

AQUIFER.--McBean Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 74 ft, screened interval 64-74 ft.

DATUM.--Land-surface datum is 257.64 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.45 ft above land-surface datum.

REMARKS.--Also known as CE-7N and WM0016. Local number (BRN-154) revised.

PERIOD OF RECORD.--August 1976 to current year.

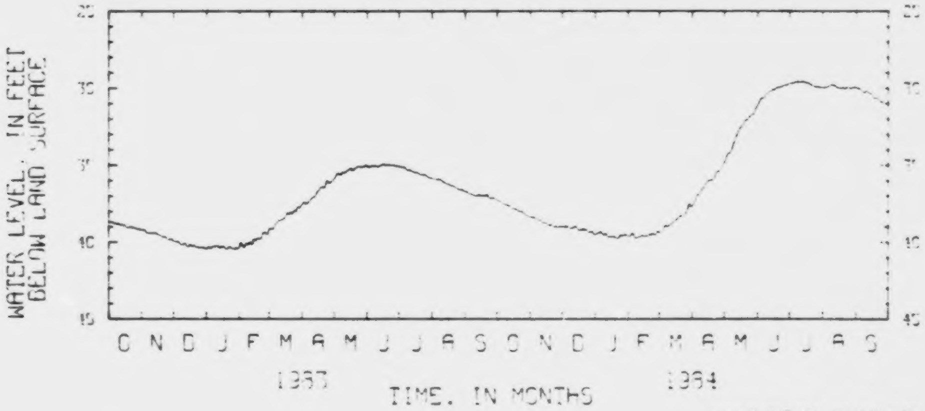
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 29.58 ft below land-surface datum, July 12-13, 1984; lowest, 42.51 below land-surface datum, Dec. 30, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.27	38.37	39.02	39.51	39.62	39.42	37.61	34.81	31.11	29.68	29.96	29.96
2	37.30	38.39	39.03	39.47	39.67	39.38	37.53	34.67	30.95	29.68	29.96	30.03
3	37.34	38.39	39.02	39.41	39.58	39.29	37.39	34.44	30.80	29.68	29.97	30.03
4	37.37	38.39	38.96	39.40	39.44	39.24	37.15	34.25	30.69	29.68	29.93	30.01
5	37.38	38.42	39.00	39.35	39.43	39.11	36.95	34.22	30.66	29.64	29.90	30.07
6	37.43	38.48	39.00	39.34	39.53	38.92	36.91	34.21	30.64	29.61	29.88	30.16
7	37.50	38.51	39.07	39.38	39.69	38.92	36.88	34.14	30.58	29.60	29.83	30.24
8	37.54	38.54	39.10	39.50	39.75	39.00	36.84	33.97	30.50	29.60	29.79	30.30
9	37.56	38.57	39.10	39.54	39.71	38.94	36.69	33.63	30.40	29.60	29.79	30.27
10	37.60	38.56	39.10	39.49	39.67	38.94	36.53	33.51	30.33	29.60	29.81	30.13
11	37.62	38.61	39.07	39.44	39.65	38.84	36.46	33.34	30.27	29.60	29.82	30.19
12	37.63	38.70	38.99	39.61	39.63	38.81	36.40	33.14	30.23	29.58	29.84	30.25
13	37.66	38.74	38.99	39.65	39.59	38.74	36.28	32.97	30.20	29.58	29.89	30.32
14	37.73	38.76	38.99	39.65	39.52	38.71	36.16	32.78	30.14	29.59	29.95	30.36
15	37.79	38.77	39.09	39.65	39.60	38.71	36.09	32.65	30.10	29.60	29.99	30.39
16	37.82	38.79	39.20	39.65	39.63	38.60	36.00	32.54	30.10	29.65	30.00	30.47
17	37.84	38.86	39.23	39.65	39.61	38.52	35.97	32.49	30.09	29.65	30.00	30.63
18	37.86	38.88	39.21	39.65	39.59	38.49	35.96	32.41	30.02	29.65	29.99	30.67
19	37.88	38.89	39.15	39.65	39.57	38.43	35.96	32.26	29.96	29.68	29.98	30.66
20	37.93	38.88	39.19	39.73	39.51	38.35	35.94	32.13	29.95	29.77	29.98	30.67
21	37.98	38.91	39.24	39.74	39.50	38.25	35.87	32.08	29.95	29.79	30.01	30.64
22	38.01	39.00	39.17	39.77	39.52	38.33	35.74	32.06	29.94	29.79	30.04	30.76
23	38.01	39.00	39.19	39.73	39.45	38.36	35.52	32.00	29.91	29.83	29.95	30.87
24	38.01	38.98	39.21	39.60	39.48	38.35	35.42	31.89	29.88	29.91	29.89	30.90
25	38.07	38.97	39.33	39.53	39.50	38.18	35.41	31.82	29.83	29.92	29.94	30.90
26	38.12	39.04	39.35	39.60	39.55	38.05	35.40	31.75	29.81	29.92	30.01	30.90
27	38.17	39.05	39.36	39.57	39.46	37.97	35.33	31.72	29.81	29.92	30.02	30.95
28	38.26	38.98	39.32	39.52	39.30	37.67	35.22	31.69	29.81	29.92	29.98	31.01
29	38.28	38.98	39.30	39.52	39.36	37.47	35.12	31.55	29.78	29.94	29.95	30.99
30	38.31	39.01	39.45	39.53	---	37.66	34.96	31.37	29.71	29.95	29.95	31.05
31	38.35	---	39.51	39.56	---	37.69	---	31.24	---	29.96	29.92	---
MEAN	37.79	38.75	39.16	39.56	39.56	38.56	36.19	32.83	30.20	29.73	29.93	30.49
MAX	38.35	39.05	39.51	39.77	39.75	39.42	37.61	34.81	31.11	29.96	30.04	31.05
MIN	37.27	38.37	38.96	39.34	39.30	37.47	34.96	31.24	29.71	29.58	29.79	29.96

CAL YR 1983	MEAN	37.50	MAX	40.46	MIN	34.95
WTR YR 1984	MEAN	35.22	MAX	39.77	MIN	29.58

HYDROGRAPH



BARNWELL COUNTY

331521081280204. Local number, BW-155.

LOCATION.--Lat 33°15'18", Long 81°28'03", Hydrologic Unit 03060106, Chem-Nuclear plant near Barnwell.
OWNER.--Chem-Nuclear Systems, Inc.

AQUIFER.--Barnwell Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 45 ft, screened interval 40-45 ft.

DATUM.--Land-surface datum is 259.29 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

REMARKS.--Also known as CE-7SS and WM0017. Local number (BRN-155) revised. Record estimated Jan. 14 to Feb. 3, 1983, April 12 to May 15, 1984.

PERIOD OF RECORD.--May 1979 to current year.

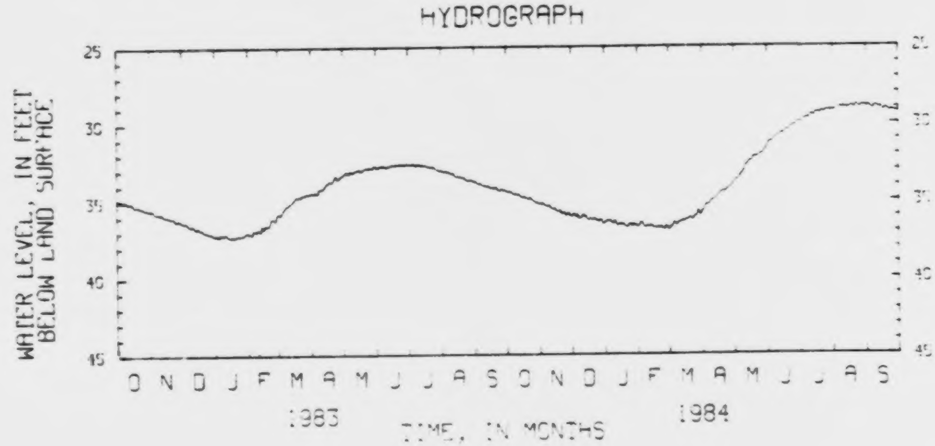
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 26.12 ft below land-surface datum, Apr. 14, 1980 (estimated); lowest. 40.60 ft below land-surface datum, Dec. 30, 1981 (estimated).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.42	35.22	35.99	36.41	36.67	36.91	35.71	33.84	31.51	29.96	29.13	28.94
2	34.42	35.22	35.97	36.37	36.65	36.78	35.64	33.73	31.35	29.95	29.20	28.96
3	34.44	35.20	35.88	36.34	36.49	36.72	35.51	33.70	31.25	29.92	29.14	28.99
4	34.43	35.20	35.94	36.32	36.43	36.69	35.30	33.65	31.22	29.30	29.07	28.99
5	34.44	35.28	36.05	36.29	36.52	36.53	35.30	33.60	31.21	29.75	29.06	28.98
6	34.52	35.33	35.93	36.30	36.65	36.43	35.28	33.50	31.17	29.73	29.04	29.04
7	34.58	35.35	36.17	36.42	36.73	36.59	35.26	33.35	31.10	29.68	29.00	29.09
8	34.58	35.37	36.10	36.48	36.72	36.55	35.21	33.31	31.01	29.68	28.98	29.06
9	34.59	35.36	36.12	36.47	36.67	36.52	35.04	33.20	30.91	29.68	29.00	28.90
10	34.62	35.34	36.11	36.32	36.67	36.47	35.01	33.05	30.87	29.60	28.99	28.89
11	34.59	35.47	36.00	36.46	36.67	36.40	34.98	32.88	30.83	29.50	28.99	28.90
12	34.61	35.53	35.91	36.63	36.68	36.41	34.95	32.73	30.80	29.44	29.01	28.94
13	34.65	35.53	36.04	36.57	36.64	36.31	34.89	32.70	30.76	29.52	29.02	29.01
14	34.76	35.58	36.03	36.54	36.65	36.35	34.79	32.60	30.70	29.53	29.03	28.98
15	34.75	35.52	36.20	36.55	36.78	36.34	34.70	32.51	30.68	29.44	29.03	28.99
16	34.77	35.63	36.26	36.51	36.77	36.26	34.65	32.47	30.66	29.35	29.01	29.16
17	34.78	35.69	36.24	36.58	36.75	36.26	34.60	32.46	30.61	29.33	28.96	29.20
18	34.79	35.71	36.20	36.53	36.77	36.24	34.52	32.37	30.53	29.32	28.92	29.14
19	34.83	35.69	36.18	36.61	36.77	36.21	34.49	32.22	30.50	29.38	28.92	29.09
20	34.87	35.63	36.26	36.71	36.75	36.13	34.41	32.19	30.48	29.35	29.00	29.07
21	34.90	35.83	36.24	36.70	36.78	36.16	34.44	32.20	30.45	29.28	29.05	29.12
22	34.90	35.84	36.17	36.73	36.81	36.24	34.46	32.20	30.38	29.25	28.95	29.17
23	34.82	35.79	36.23	36.65	36.71	36.22	34.39	32.15	30.32	29.32	28.82	29.25
24	34.91	35.77	36.27	36.53	36.84	36.15	34.30	32.12	30.25	29.29	28.88	29.21
25	34.97	35.95	36.35	36.56	36.86	36.00	34.29	32.07	30.17	29.22	28.97	29.19
26	34.99	35.97	36.32	36.69	36.89	36.05	34.22	32.02	30.16	29.20	29.01	29.19
27	35.10	35.85	36.31	36.56	36.69	35.96	34.18	32.00	30.14	29.17	28.93	29.30
28	35.13	35.80	36.23	36.59	36.72	35.64	34.10	31.94	30.08	29.20	28.89	29.24
29	35.11	35.97	36.34	36.62	36.90	35.84	34.02	31.82	29.98	29.23	28.89	29.24
30	35.20	36.01	36.54	36.60	---	35.98	33.98	31.74	29.94	29.20	28.88	29.31
31	35.20	---	36.48	36.69	---	35.83	---	31.64	---	29.16	28.87	---
MEAN	34.76	35.59	36.16	36.53	36.71	36.30	34.75	32.64	30.67	29.47	28.99	29.08
MAX	35.20	36.01	36.54	36.73	36.90	36.91	35.71	33.84	31.51	29.96	29.20	29.31
MIN	34.42	35.20	35.88	36.29	36.43	35.64	33.98	31.64	29.94	29.16	28.82	28.89

CAL YR 1983 MEAN 34.99 MAX 37.33 MIN 32.59
WTR YR 1984 MEAN 33.46 MAX 36.91 MIN 28.82

HYDROGRAPH



BEAUFORT COUNTY

321005080442705. Local number, BFT-101.

LOCATION.--Lat 32°10'05", Long 80°44'27", Hydrologic Unit 03060109, Hilton Head.

OWNER.--U.S. Geological Survey.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 470 ft, cased to 129 ft, open hole 129 to 470 ft.

DATUM.--Land-surface datum is 13.80 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.8 ft above land-surface datum.

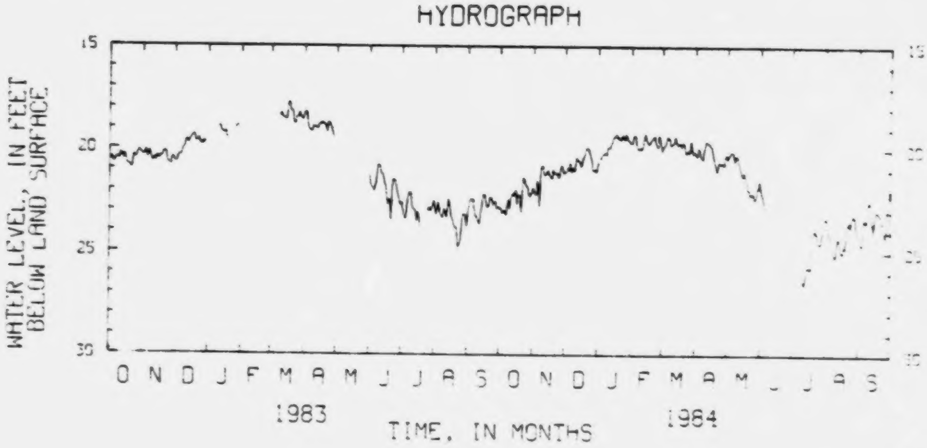
REMARKS.--Also known as TW2 PT4.

PERIOD OF RECORD.--January 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 12.29 ft below land surface, July 5, 1961; lowest, 26.59 ft below land-surface datum, July 12, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.90	21.88	21.09	20.72	19.66	20.04	20.12	20.47	21.89	---	23.27	24.30
2	22.87	22.02	21.09	20.53	19.66	19.87	20.33	20.28	22.14	---	23.37	24.39
3	23.14	22.20	21.00	20.49	19.42	19.80	20.29	20.27	22.25	---	23.72	24.64
4	23.00	22.19	20.90	20.37	19.29	19.75	19.93	20.10	22.52	---	23.98	24.63
5	22.96	21.53	21.00	20.26	19.37	19.54	20.09	20.15	22.91	---	24.19	23.95
6	23.15	21.85	20.66	20.22	19.77	19.35	20.33	20.12	22.97	---	24.45	23.35
7	23.19	22.76	21.12	20.19	19.98	19.45	20.40	20.32	23.05	---	24.68	23.44
8	22.72	21.23	20.90	20.14	19.95	19.49	20.48	20.59	---	---	24.97	23.52
9	22.47	20.86	21.02	20.26	19.91	19.79	20.08	20.30	---	---	25.09	23.05
10	22.92	20.78	21.03	19.90	19.99	19.72	19.83	20.33	---	25.98	25.22	22.60
11	22.40	21.09	20.71	19.89	19.90	19.69	19.58	20.60	---	26.35	25.04	22.4
12	22.28	21.26	20.39	19.89	19.79	19.64	19.65	20.70	---	26.59	24.47	22.33
13	22.16	21.21	20.56	19.74	19.41	19.38	19.71	20.93	---	26.37	24.27	23.26
14	22.25	21.14	20.56	19.66	19.22	19.58	19.69	21.14	---	25.96	24.52	23.65
15	22.10	21.02	20.60	19.46	19.51	19.81	19.81	21.31	---	25.70	24.79	24.00
16	21.98	21.20	20.84	19.34	19.60	19.70	19.83	21.10	---	25.69	25.00	23.33
17	22.68	21.30	20.72	19.38	19.73	19.68	20.08	21.25	---	25.77	25.00	23.08
18	22.20	21.36	20.45	19.24	19.67	19.73	20.37	21.50	---	25.78	24.70	22.95
19	22.24	21.41	20.33	19.37	19.59	19.90	20.64	21.60	---	25.21	24.77	23.00
20	22.70	20.99	20.15	19.49	19.49	19.66	20.75	21.94	---	24.71	24.41	23.09
21	23.06	21.18	19.93	19.40	19.48	19.69	21.07	21.96	---	24.20	23.94	23.15
22	21.93	21.20	19.94	19.55	19.36	19.92	20.85	22.20	---	23.88	23.62	23.4
23	21.37	21.13	19.99	19.45	19.35	20.19	20.62	22.12	---	23.99	23.49	23.50
24	21.48	21.17	20.14	19.29	19.68	20.15	20.68	22.21	---	24.10	23.77	23.53
25	21.71	21.38	20.33	19.43	19.84	19.98	20.65	22.14	---	24.33	23.45	24.04
26	21.79	21.28	20.51	19.53	19.89	20.17	20.72	22.40	---	24.57	23.32	24.2
27	21.84	20.94	21.01	19.23	19.30	20.06	20.69	22.38	---	24.57	23.16	23.9
28	22.19	20.77	21.04	19.41	19.60	19.57	20.74	22.24	---	24.43	23.23	22.9
29	22.28	20.98	20.97	19.54	20.11	20.07	20.36	21.87	---	24.09	23.43	22.3
30	22.10	21.17	21.11	19.53	---	20.20	20.22	21.88	---	23.56	23.93	22.
31	22.11	---	20.95	19.70	---	20.12	---	21.50	---	23.37	24.08	---
MEAN	22.39	21.35	20.68	19.76	19.64	19.80	20.29	21.22	---	---	24.17	23.4
MAX	23.19	22.76	21.12	20.72	20.11	20.20	21.07	22.40	---	---	25.22	24.6
MIN	21.37	20.77	19.93	19.23	19.22	19.35	19.58	20.10	---	---	23.16	22.



322745080435800. Local number, BFT-121.

LOCATION.--Lat 32°27'45", long 80°43'58", Hydrologic Unit 03050208, Military reservation, 100 ft east of U.S. 21, 100 ft north of locked entrance and 2,000 ft north of main entrance to the U.S. Marine Corps Air Station, 4.0 mi northwest of Beaufort on U.S. Hwy. 21.

Owner: U.S. Marine Corp.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 10 in, depth 105 ft, cased to 85 ft, open hole from 85 to 105 ft.

DATUM.--Land-surface datum is 31.25 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 3.30 ft above land-surface datum.

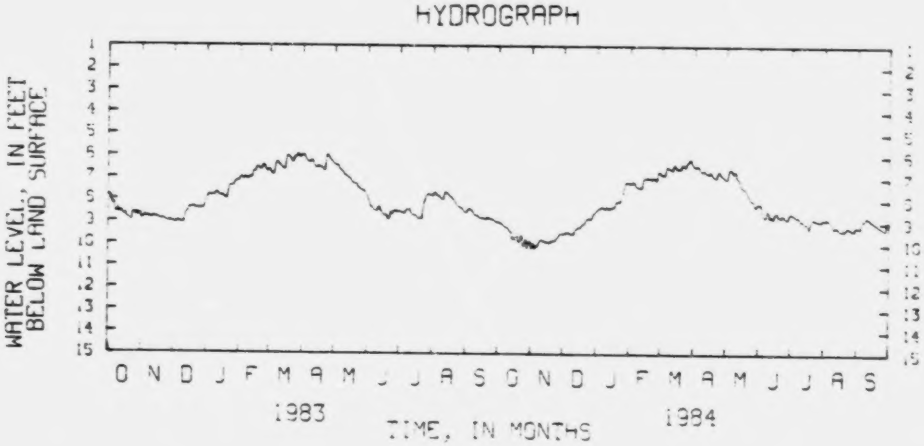
PERIOD OF RECORD.--July 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 5.84 ft below land-surface datum, April 5, 1980; lowest, 10.68 ft below land-surface datum Nov. 20, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.02	10.20	9.53	8.48	7.24	6.81	6.42	7.03	8.18	8.57	8.86	9.19
2	9.01	10.14	9.52	8.42	7.25	6.82	6.49	7.04	8.14	8.61	8.87	9.21
3	9.05	9.96	9.47	8.39	7.21	6.84	6.48	6.90	8.23	8.64	8.84	9.22
4	9.06	10.22	9.45	8.36	7.17	6.86	6.44	6.62	8.43	8.65	8.84	9.25
5	9.10	10.13	9.48	8.31	7.19	6.85	6.45	6.57	8.63	8.72	8.87	9.04
6	9.15	10.07	9.46	8.30	7.25	6.65	6.54	6.60	8.76	8.75	8.93	8.93
7	9.20	10.07	9.51	8.33	7.35	6.48	6.62	6.67	8.74	8.73	8.96	8.90
8	9.22	9.94	9.53	8.37	7.40	6.50	6.69	6.79	8.71	8.76	9.02	8.86
9	9.24	9.85	9.55	8.39	7.42	6.54	6.68	6.70	8.45	8.83	9.11	8.80
10	9.29	9.80	9.55	8.32	7.42	6.57	6.64	6.72	8.53	8.90	9.23	8.75
11	9.33	9.81	9.50	8.32	7.42	6.59	6.68	6.93	8.78	8.92	9.24	8.76
12	9.44	9.85	9.36	8.39	7.43	6.65	6.74	7.04	8.69	8.94	9.18	8.79
13	9.42	9.86	9.31	8.38	7.35	6.48	6.76	7.01	8.76	9.00	9.20	8.83
14	9.76	9.90	9.25	8.35	7.04	6.36	6.77	7.24	8.83	9.03	9.24	8.89
15	9.76	9.90	9.24	8.33	6.99	6.46	6.80	7.33	8.77	9.04	9.29	8.92
16	9.61	9.90	9.23	8.31	6.99	6.56	6.70	7.40	8.61	9.07	9.33	8.94
17	9.81	9.92	9.21	8.32	6.99	6.54	6.75	7.43	8.56	9.11	9.35	8.99
18	9.71	9.93	9.15	8.26	6.99	6.56	6.82	7.46	8.57	9.31	9.34	9.02
19	9.62	9.91	9.09	8.11	7.00	6.57	6.90	7.51	8.69	9.09	9.35	9.04
20	9.90	9.85	9.07	8.06	7.00	6.56	6.93	7.59	8.70	8.97	9.35	9.08
21	9.91	9.84	9.03	8.[illegible]	7.03	6.38	6.96	7.69	8.76	8.88	9.31	9.13
22	9.70	9.84	8.92	8.07	7.05	6.37	6.97	7.77	8.74	8.83	9.25	9.15
23	9.60	9.82	8.86	8.05	6.98	6.43	6.81	7.89	8.69	8.86	9.21	9.18
24	10.02	9.79	8.82	7.93	7.01	6.48	6.67	7.96	8.69	8.88	9.22	9.21
25	10.11	9.72	8.85	7.75	7.04	6.36	6.73	7.99	8.75	8.90	9.25	9.25
26	9.85	9.67	8.85	7.65	7.11	6.26	6.82	8.01	8.80	8.92	9.28	9.28
27	9.79	9.59	8.83	7.40	6.95	6.27	6.87	8.05	8.83	8.93	9.31	9.32
28	10.20	9.52	8.77	7.22	6.71	6.13	6.90	8.24	8.84	8.95	9.33	9.28
29	10.03	9.51	8.63	7.18	6.74	6.13	6.94	8.30	8.71	8.94	9.36	9.05
30	9.87	9.52	8.57	7.18	---	6.29	6.98	8.20	8.61	8.89	9.27	8.91
31	9.88	---	8.53	7.21	---	6.37	---	8.14	---	8.86	9.18	---
MEAN	9.57	9.87	9.17	8.07	7.13	6.51	6.73	7.38	8.64	8.89	9.17	9.04
MAX	10.20	10.22	9.55	8.48	7.43	6.86	6.98	8.30	8.84	9.31	9.36	9.32
MIN	9.01	9.51	8.53	7.18	6.71	6.13	6.42	6.57	8.14	8.57	8.84	8.75

CAL YR 1983	MEAN	8.05	MAX	10.22	MIN	5.93
WTR YR 1984	MEAN	8.35	MAX	10.22	MIN	6.13

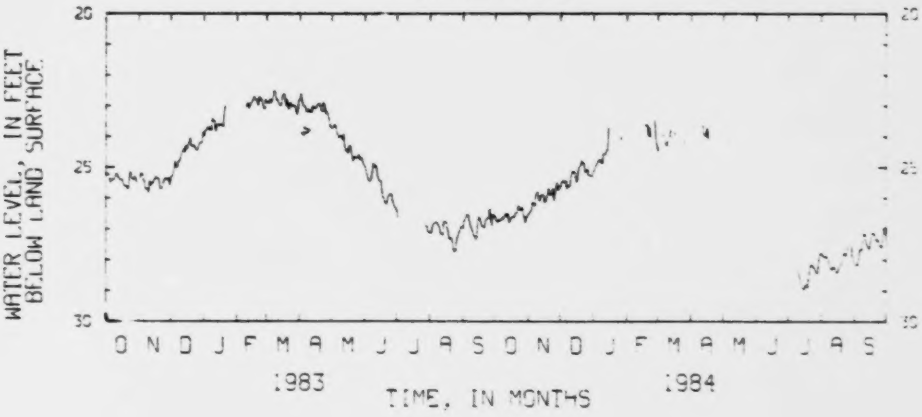


320846080502203. Local number, BFT-304.
LOCATION.--Lat 32°08'46", Long 80°50'22", Hydrologic Unit 03060100, Daufuskie Island.
OWNER.--U.S. Geological Survey.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 619 ft, cased to 135 ft, open hole 135 to 619 ft.
DATUM--Land-surface datum is 13 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.2 ft above land-surface datum.
REMARKS.--Also known as TW3 PT2.
PERIOD OF RECORD.--December 1959 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 14.35 ft below land-surface datum, Mar. 10, 1959; lowest, 28.95 ft below land-surface datum, July 16, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.60	26.51	25.61	25.14	---	24.33	23.97			---	27.76	28.0[illegible]
2	26.70	26.49	25.52	25.05	---	---	---			---	27.33	28.1[illegible]
3	26.78	26.42	25.43	24.95	---	---	---			---	27.37	28.1[illegible]
4	26.70	26.39	25.43	24.89	---	23.93	23.99			---	27.90	28.1[illegible]
5	26.70	26.12	25.50	24.82	24.17	23.97	---			---	27.38	27.9[illegible]
6	26.72	26.22	25.43	24.73	---	23.95	---			---	27.89	27.6[illegible]
7	26.68	26.25	25.70	24.78	---	---	24.38			---	27.98	27.6[illegible]
8	26.61	25.92	25.58	24.82	---	24.18	24.43			---	28.04	27.6[illegible]
9	26.67	25.83	25.61	24.88	---	24.31	---			---	28.17	27.3[illegible]
10	26.57	25.80	25.58	24.55	---	24.13	---			28.20	28.29	27.1[illegible]
11	26.49	26.10	25.27	24.56	---	---	23.71			28.49	28.31	27.1[illegible]
12	26.60	26.04	25.13	24.56	---	24.06	23.63			28.58	28.22	27.3[illegible]
13	26.50	25.90	25.17	24.44	---	23.78	23.95			28.79	28.24	27.5[illegible]
14	26.80	25.90	25.13	24.44	---	---	23.94			28.87	28.29	27.5[illegible]
15	26.69	25.89	25.29	23.70	---	---	24.01			28.93	28.40	27.6[illegible]
16	26.63	26.15	25.48	---	---	23.94	23.73			28.95	28.41	27.4[illegible]
17	26.60	26.09	25.34	---	23.66	23.87	24.10			28.85	28.32	27.2[illegible]
18	26.62	25.98	25.05	---	23.63	---	---			28.80	28.23	27.1[illegible]
19	26.58	25.90	24.95	---	23.62	---	---			28.38	28.14	27.1[illegible]
20	26.48	25.67	24.93	23.89	23.63	---	---			28.66	28.12	27.1[illegible]
21	26.49	25.89	24.77	---	23.98	---	---			28.39	27.96	27.2[illegible]
22	26.37	25.91	24.88	---	23.72	---	---			28.19	27.80	27.3[illegible]
23	26.24	25.81	24.88	---	24.04	---	---			28.14	27.77	27.3[illegible]
24	26.40	25.69	25.16	---	---	---	---			28.20	27.87	27.4[illegible]
25	26.38	26.09	25.10	---	---	24.07	---			28.24	27.67	27.5[illegible]
26	26.29	25.83	25.06	24.21	---	24.26	---			28.28	27.63	27.6[illegible]
27	26.47	25.60	25.26	24.00	23.43	---	---			28.38	27.52	27.5[illegible]
28	26.61	25.48	25.25	---	24.07	---	---			28.44	---	27.2[illegible]
29	26.81	25.74	25.25	---	24.48	---	---			28.29	27.39	27.1[illegible]
30	26.60	25.68	25.29	---	---	---	---			27.94	27.35	26.9[illegible]
31	26.58	---	25.26	---	---	---	---			27.81	28.04	---
MEAN	26.58	25.98	25.27	---	---	---	---			---	---	27.4[illegible]
MAX	26.81	26.51	25.70	---	---	---	---			---	---	28.1[illegible]
MIN	26.24	25.48	24.77	---	---	---	---			---	---	26.9[illegible]

HYDROGRAPH



BEAUFORT COUNTY

321551080491003. Local number, BFT-429.

LOCATION.--Lat 32°15'51", long 80°49'10", Hydrologic Unit 03050208, 7.7 mi southeast on U.S. Hwy. 278 from intersection with State Hwy. 170, northwest on dirt road 1.6 mi, 2 mi southwest of Foot Point Plantation at Victoria Bluff.

Owner: South Carolina Wildlife and Marine Resources Dept.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 300 ft, cased to 100 ft, open hole from 100 to 300 ft.

DATUM.--Land-surface datum is 22.0 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.35 ft above land-surface datum.

PERIOD OF RECORD.--August 1970 to current year.

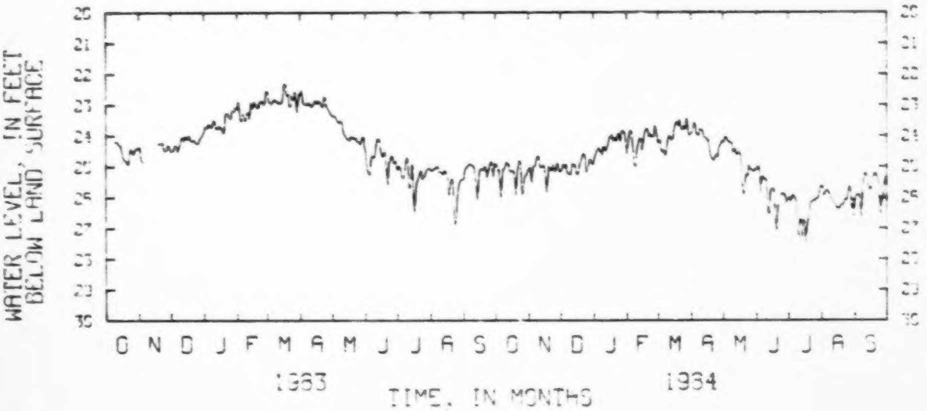
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 21.71 ft below land surface datum, Sept. 10, 1971; lowest, 27.49 ft below land-surface datum, July 17, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.93	25.39	25.15	24.84	24.62	24.26	23.92	24.23	25.11	26.05	25.63	26.03
2	24.98	25.03	25.10	24.70	24.32	24.16	23.88	24.17	25.04	26.01	25.67	25.97
3	25.13	25.27	24.96	24.59	24.04	24.17	23.76	24.06	25.00	26.14	25.95	25.92
4	25.09	25.52	24.95	24.50	23.83	24.51	23.60	24.07	25.22	26.04	25.36	25.93
5	25.45	25.02	25.05	24.44	23.88	24.54	23.71	24.18	25.34	25.94	25.79	25.91
6	26.01	24.99	24.94	24.41	24.14	24.47	23.93	24.19	25.35	25.98	25.79	26.16
7	25.38	24.98	25.24	24.51	24.50	24.58	24.00	24.24	25.33	26.03	25.31	26.65
8	25.11	24.81	25.20	24.51	24.97	24.67	23.99	24.23	25.42	26.09	25.87	25.38
9	25.07	24.69	25.26	24.64	25.01	24.44	23.80	24.26	25.43	26.42	25.99	25.41
10	25.01	24.66	25.27	24.37	24.55	24.18	23.84	24.55	25.43	27.13	26.03	25.22
11	24.87	24.87	25.13	24.40	24.37	24.03	23.82	24.50	25.76	27.30	26.06	25.23
12	24.90	25.04	24.92	24.51	24.23	24.01	23.90	24.44	26.50	26.71	26.13	25.33
13	24.94	25.00	24.97	24.41	24.10	24.21	24.05	24.62	26.54	26.31	26.19	25.53
14	25.13	25.02	24.94	24.33	24.09	24.11	24.08	24.63	25.85	27.28	26.25	25.63
15	25.17	24.96	25.08	24.19	24.48	24.10	24.08	24.53	25.74	26.74	26.36	25.75
16	25.14	25.10	25.25	24.05	24.27	23.83	24.19	24.58	25.74	26.84	26.33	25.73
17	25.15	25.52	25.25	24.05	24.02	23.69	24.14	24.62	25.74	27.49	26.37	25.52
18	25.16	25.85	25.08	23.97	23.87	23.58	24.34	24.83	26.03	26.99	26.32	25.35
19	25.45	25.30	24.90	24.20	23.78	23.57	24.62	25.61	26.84	26.82	26.26	25.26
20	25.93	25.00	24.85	24.14	23.78	23.71	24.72	25.92	27.08	26.59	26.24	25.22
21	25.30	25.10	24.69	24.07	24.04	23.50	24.76	25.77	26.33	26.33	26.23	25.29
22	25.04	25.14	24.55	24.16	23.92	23.68	24.83	25.33	26.08	26.18	26.15	25.39
23	24.81	25.06	24.63	24.09	24.04	23.82	24.73	25.26	26.03	26.14	26.06	25.43
24	24.87	24.95	24.72	23.93	24.01	23.80	24.68	25.31	25.97	26.11	26.09	25.75
25	25.20	25.15	25.21	24.02	24.03	23.68	24.62	24.98	25.89	26.12	25.98	26.57
26	25.90	25.17	25.05	24.19	24.05	23.81	24.70	25.10	25.99	26.09	25.81	26.07
27	25.76	25.00	24.99	23.87	23.69	23.73	24.40	25.11	25.92	26.04	25.64	26.09
28	25.34	24.89	24.80	23.84	23.81	23.44	24.32	25.14	25.99	26.05	25.79	25.90
29	25.30	25.08	24.78	23.89	24.20	23.79	24.27	25.17	26.18	26.00	26.36	25.53
30	25.26	25.18	24.95	23.94	---	24.01	24.18	25.15	26.06	25.84	26.02	25.35
31	25.16	---	24.94	24.16	---	23.97	---	25.08	---	25.67	26.61	---
MEAN	25.22	25.08	24.99	24.26	24.16	24.00	24.20	24.77	25.84	26.39	26.05	25.70
MAX	26.01	25.85	25.27	24.84	25.01	24.67	24.83	25.92	27.08	27.49	26.61	26.65
MIN	24.81	24.66	24.59	23.84	23.69	23.44	23.60	24.06	25.00	25.67	25.63	25.22

CAL YR 1983	MEAN	24.37	MAX	26.89	MIN	22.32
WTR YR 1984	MEAN	25.06	MAX	27.49	MIN	23.44

HYDROGRAPH



320910080472001. Local number, BFT-439.

LOCATION.--Lat 32°09'10", long 80°47'20", Hydrologic Unit 03050208, 1.0 mi northwest of Braddock Point, 3.0 mi southwest of Forest Beach on Calibogue Cay Road at Sea Pines Plantation.
Owner: Sea Pines Plantation.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 214 ft, cased to 125 ft, open hole from 125 to 214 ft.

DATUM.--Land-surface datum is 6.95 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 0.30 ft above land-surface datum.

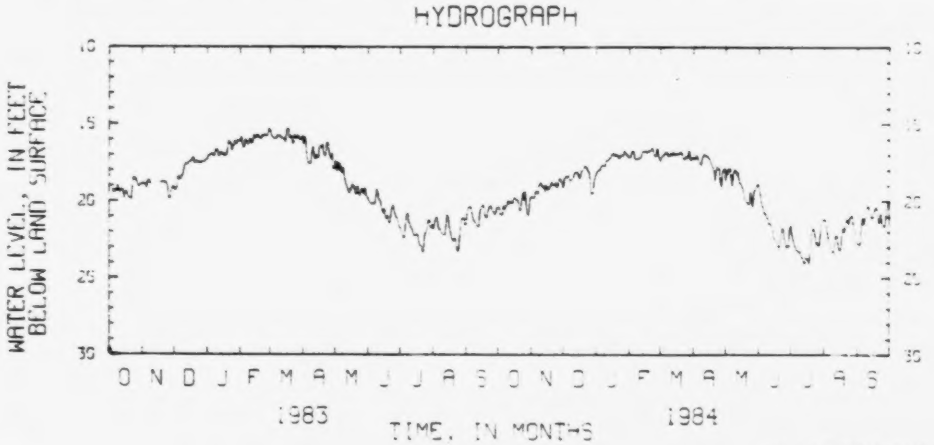
PERIOD OF RECORD.--October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 15.32 ft below land-surface datum, Feb. 28, Mar. 17, 1983; lowest, 30.22 ft below land-surface datum, Aug. 9, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.44	19.75	19.14	18.23	17.15	17.29	17.19	18.64	19.11	21.53	21.18	22.76
2	20.46	19.76	18.57	18.07	17.11	17.12	17.27	17.99	19.47	22.16	21.22	22.81
3	20.90	19.79	18.46	17.96	16.88	17.05	17.22	18.25	19.99	22.47	21.62	22.87
4	20.87	19.76	18.40	18.00	16.72	17.01	17.02	17.88	20.27	22.74	21.96	22.71
5	20.88	19.37	18.48	17.81	16.84	16.91	17.24	17.88	20.43	22.95	22.41	21.53
6	20.31	19.40	18.35	17.68	17.25	16.80	17.46	18.43	20.84	23.19	[illegible]	21.07
7	20.57	19.56	18.80	17.69	17.32	16.84	17.55	19.00	20.75	23.21	22.73	21.51
8	20.29	19.06	18.62	17.68	17.25	17.03	17.69	18.17	21.09	23.33	23.02	21.20
9	20.31	18.85	18.62	17.74	17.21	17.10	17.33	18.03	21.07	23.27	23.36	20.62
10	19.95	18.30	18.58	17.37	17.22	16.94	17.10	17.95	21.46	23.41	23.35	20.40
11	20.24	19.11	18.28	17.38	17.21	17.01	16.96	18.28	21.42	23.63	22.91	20.30
12	20.02	19.16	18.11	17.35	17.08	16.98	17.03	18.14	21.62	23.73	22.26	20.52
13	20.06	19.01	18.16	17.21	16.81	16.90	17.08	18.48	21.61	23.98	22.25	20.80
14	20.15	19.42	18.12	17.22	16.75	16.94	17.10	18.80	21.79	24.11	22.70	21.01
15	19.95	18.98	18.29	17.02	16.83	17.01	17.20	18.87	22.37	23.71	23.17	21.16
16	19.77	19.25	18.54	16.90	16.77	16.95	17.26	19.03	22.54	23.71	23.24	20.93
17	19.84	19.26	18.40	17.04	16.77	16.92	17.46	19.22	22.58	23.83	22.98	20.67
18	19.92	19.13	18.09	16.94	16.80	16.90	17.65	19.76	22.67	24.04	22.00	20.42
19	19.92	19.02	17.98	17.06	16.77	16.93	17.80	19.86	22.94	23.35	21.78	20.42
20	20.15	18.77	17.91	17.00	16.73	16.78	17.99	20.02	23.04	22.71	22.04	20.80
21	20.68	18.97	17.73	17.03	16.69	16.92	18.72	20.09	22.63	22.01	21.47	21.48
22	20.56	18.99	17.79	17.23	16.55	17.15	18.04	20.23	22.39	21.73	21.27	21.24
23	19.94	18.93	17.83	17.14	16.71	17.33	17.78	20.13	21.74	22.02	21.22	20.79
24	19.47	18.81	18.05	17.01	17.00	17.22	17.91	19.37	21.93	22.33	21.56	21.42
25	19.92	19.18	18.10	17.04	17.13	17.07	17.90	19.88	22.40	22.83	21.12	21.54
26	19.35	18.93	18.51	17.02	16.99	17.21	18.81	20.41	22.67	22.70	20.99	21.70
27	20.20	18.63	19.53	16.74	16.57	17.10	19.09	19.53	23.01	22.97	20.93	21.54
28	20.78	18.52	19.52	16.86	17.04	16.70	18.18	19.27	22.95	22.76	21.47	21.02
29	20.97	18.78	19.46	16.97	17.43	17.33	17.97	19.21	22.97	21.95	21.61	20.33
30	20.46	18.79	18.69	17.01	---	17.30	17.87	19.03	21.84	21.45	22.12	20.06
31	19.79	---	18.43	17.17	---	17.19	---	18.86	---	21.24	22.66	---
MEAN	20.23	19.12	18.44	17.31	16.95	17.03	17.63	18.99	21.72	22.87	22.10	21.19
MAX	20.97	19.79	19.53	18.23	17.43	17.33	19.09	20.41	23.04	24.11	23.36	22.87
MIN	19.35	18.52	17.73	16.74	16.55	16.70	16.96	17.88	19.11	21.24	20.93	20.06

CAL YR 1983	MEAN	18.97	MAX	23.35	MIN	15.32
WTR YR 1984	MEAN	19.47	MAX	24.11	MIN	16.55



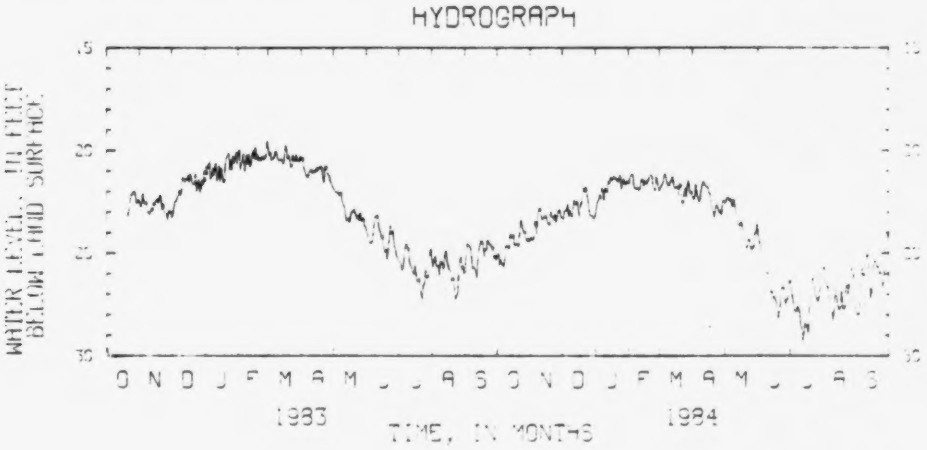
BEAUFORT COUNTY

321125080423000. Local number, BFT-444.
LOCATION.--Lat 32°11'25", long 80°42'30", Hydrologic Unit 03050208, at entrance of Palmetto Dunes Corporation on U.S. Hwy. 278.
Owner: Palmetto Dunes Development Corp.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 212 ft, cased to 146 ft, open hole from 146 to 212 ft.
DATUM.--Land-surface datum is 16.60 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.95 ft above land-surface datum.
PERIOD OF RECORD.--February 1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 16.67 ft below land-surface datum, Jan. 19, 1976; lowest, 29.29 ft below land-surface datum, July 13, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.12	24.25	23.23	23.12	21.61	21.93	22.28	22.59	24.10	26.33	25.66	27.90
2	25.03	24.27	23.37	22.78	21.43	21.78	22.41	22.45	24.38	26.76	25.74	28.04
3	25.63	24.35	22.97	22.46	21.20	21.73	22.22	22.31	24.61	27.07	26.45	28.02
4	25.29	24.27	22.90	22.41	21.14	21.62	21.64	22.30	24.90	27.34	26.63	27.57
5	25.55	23.42	22.92	22.13	21.20	21.47	22.17	22.44	25.28	27.76	26.62	26.53
6	25.49	23.57	22.59	22.38	21.75	21.10	22.29	22.36	25.37	27.84	27.10	25.71
7	25.71	24.06	23.21	21.82	21.89	21.31	22.52	22.56	25.67	27.84	27.31	26.09
8	25.28	23.13	22.88	21.99	21.80	21.53	22.34	22.77	25.83	27.53	27.71	26.11
9	24.63	22.86	23.15	22.43	21.87	21.69	21.96	22.39	25.96	27.76	27.37	25.39
10	24.66	22.79	23.23	21.84	21.90	21.74	21.67	22.67	25.95	27.86	28.28	25.17
11	24.70	23.13	22.82	21.96	21.91	21.51	21.50	22.87	26.24	28.54	27.30	25.34
12	24.78	23.37	22.40	22.03	21.74	21.52	21.69	23.24	26.62	28.62	27.04	25.61
13	24.08	23.30	22.66	21.48	21.40	21.27	21.72	23.49	26.94	29.29	26.76	26.14
14	24.22	23.25	22.55	21.62	21.40	21.56	21.78	23.60	26.87	28.91	27.34	27.22
15	24.23	23.15	22.48	21.31	21.74	21.86	21.77	23.70	27.20	28.41	27.65	26.93
16	24.10	23.26	22.86	21.45	21.48	21.82	22.03	23.47	27.12	28.59	27.74	25.75
17	24.61	23.46	23.20	21.37	21.60	21.83	22.09	23.65	27.22	28.50	27.64	25.61
18	24.55	23.60	22.68	21.28	21.63	21.73	22.50	23.87	27.39	28.87	26.83	25.29
19	24.59	23.65	22.56	21.36	21.47	22.24	22.72	24.13	27.62	27.60	27.60	25.47
20	24.52	22.97	22.27	21.36	21.41	21.64	22.95	24.31	28.16	27.30	27.73	25.64
21	24.69	23.20	21.80	21.45	21.22	21.67	23.28	24.76	27.88	26.58	27.63	25.64
22	24.05	23.24	22.06	21.53	21.20	22.58	22.93	24.69	27.54	26.18	26.65	25.99
23	23.37	23.40	21.79	21.44	21.24	22.59	22.64	24.31	26.70	26.41	26.53	25.39
24	23.59	23.11	22.12	21.16	21.71	22.18	22.74	24.38	26.65	26.71	27.04	26.01
25	23.38	23.52	22.39	21.89	21.88	21.84	22.91	24.63	26.69	27.08	26.56	26.49
26	24.02	23.28	22.90	21.66	21.98	22.27	23.04	24.87	27.17	27.23	26.07	26.75
27	23.93	22.99	23.16	21.39	21.29	21.73	22.92	24.70	27.47	27.37	25.69	25.87
28	24.32	22.87	23.17	21.58	21.59	21.45	23.14	24.71	27.26	27.12	25.90	24.34
29	24.44	23.07	23.19	21.67	22.00	22.00	22.43	23.97	27.23	26.75	26.00	24.47
30	24.29	23.24	23.32	21.53	---	22.10	22.46	24.04	26.39	26.05	27.39	23.94
31	24.42	---	23.27	21.50	---	22.00	---	23.53	---	25.86	27.73	---
MEAN	24.57	23.40	22.78	21.79	21.58	21.78	22.36	23.54	26.48	27.49	26.99	26.34
MAX	25.71	24.35	23.37	23.12	22.00	22.59	23.28	24.87	28.16	29.29	28.28	28.04
MIN	23.37	22.79	21.79	21.16	21.14	21.10	21.50	22.30	24.10	25.86	25.66	23.94

CAL YR 1983	MEAN	23.11	MAX	27.30	MIN	19.55
WTR YR 1984	MEAN	24.07	MAX	29.29	MIN	21.10



322340080455500. Local number, BFT-453.

LOCATION.--Lat 32°23'40", long 80°45'55", Hydrologic Unit 03050208, 0.75 mi northeast of Edward Burton Rogers Bridge over Broad River at the intersection of State Hwy. 170, 281, and 20.
Owner: South Carolina Water Resources Commission.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 104 ft, cased to 63 ft, open hole from 63 to 104 ft.

DATUM.--Land-surface datum is 13 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--December 1974 to current year.

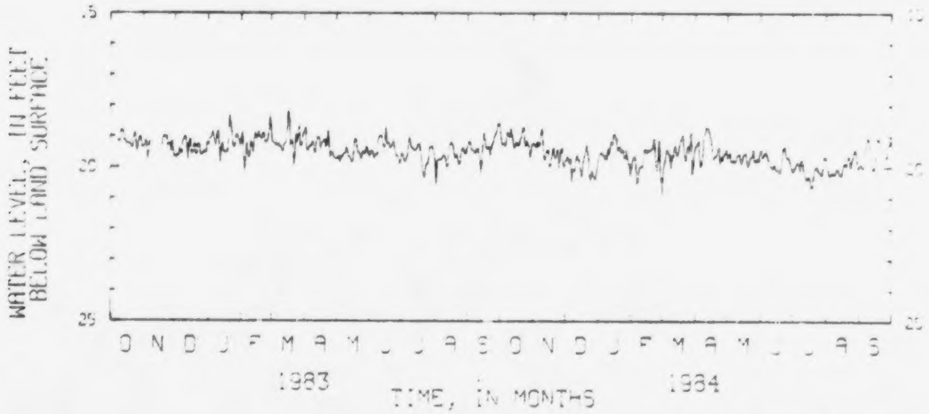
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 16.84 ft below land-surface datum, Nov. 14, 1981; lowest, 21.14 ft below land-surface datum, Jan. 21, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SE
1	18.73	19.23	19.80	19.77	19.96	20.50	19.37	19.70	19.44	20.14	19.73	19.
2	19.03	19.26	19.76	19.60	19.81	20.04	19.30	19.65	19.67	20.04	19.91	19.
3	19.27	19.29	19.65	19.55	19.67	19.86	19.26	19.53	19.68	20.01	20.11	19.
4	19.25	19.37	19.81	19.51	19.64	19.70	19.14	19.81	19.57	19.92	20.28	20.
5	19.23	19.17	19.88	19.62	19.89	19.42	19.70	19.31	19.51	19.84	20.24	19.
6	19.32	19.30	19.72	19.61	20.54	19.49	19.99	19.77	19.56	19.84	20.18	19.
7	19.13	19.28	20.46	19.77	20.43	19.61	19.84	19.85	19.62	19.91	20.21	19.
8	18.85	18.95	20.06	19.60	20.08	19.58	19.58	19.81	19.74	20.11	20.20	19.
9	19.00	18.75	20.10	19.77	19.97	20.03	19.05	19.77	19.90	19.73	20.23	19.
10	19.03	19.09	20.13	19.39	19.98	19.64	18.95	19.62	19.97	19.37	20.15	19.
11	18.75	19.70	19.78	19.58	19.99	19.67	18.69	19.58	19.98	20.11	20.05	19.
12	18.96	19.79	19.61	19.35	19.78	19.44	18.77	19.58	20.04	20.21	20.06	19.
13	19.09	19.52	19.78	19.17	19.44	19.28	18.79	19.77	19.94	20.34	20.20	20.
14	19.40	19.46	19.76	19.26	19.41	19.57	18.87	19.91	19.97	20.41	20.25	20.
15	19.33	19.44	20.04	19.00	19.53	19.62	19.01	19.70	20.08	20.32	20.26	20.
16	19.19	19.95	20.33	18.91	19.49	19.50	19.16	19.60	20.10	20.34	20.11	19.7
17	19.24	19.98	20.21	19.08	19.44	19.34	19.52	19.57	20.07	20.42	19.98	19.2
18	19.30	19.71	19.81	19.06	19.46	19.14	19.74	19.49	20.15	20.65	19.88	19.
19	19.24	19.59	19.65	19.44	19.42	19.12	19.64	19.82	20.19	20.64	19.90	19.
20	19.08	19.36	19.53	19.41	19.41	18.95	19.66	20.00	20.03	20.37	19.97	19.
21	19.02	19.68	19.27	19.33	19.35	19.31	19.60	19.86	19.74	20.11	19.78	19.3
22	18.77	19.71	19.50	19.54	19.07	19.65	19.42	19.68	19.42	20.02	19.62	19.4
23	18.71	19.56	19.73	19.44	19.40	19.31	19.35	19.67	19.33	19.97	19.75	19.5
24	19.14	19.42	20.32	19.45	19.95	19.48	19.93	19.64	19.50	20.06	20.04	19.6
25	19.35	20.05	20.43	19.68	20.10	19.29	19.67	19.42	19.66	20.13	19.31	19.6
26	19.14	19.77	20.10	19.71	19.79	19.55	19.78	19.80	19.71	20.15	19.70	19.7
27	19.28	19.45	20.26	19.45	19.14	19.31	19.59	19.35	19.68	20.21	19.53	19.6
28	19.31	19.38	20.32	19.71	20.10	18.87	19.63	19.70	19.81	20.25	19.43	19.2
29	19.69	19.92	20.41	19.91	20.91	20.24	19.53	19.76	19.89	20.07	19.56	19.2
30	19.48	20.00	20.22	19.88	---	19.95	19.44	19.82	20.05	19.67	19.81	19.1
31	19.27	---	20.03	20.28	---	19.53	---	19.57	---	19.66	20.04	---
MEAN	19.15	19.50	19.95	19.51	19.76	19.56	19.40	19.71	19.80	20.11	19.97	19.5
MAX	19.69	20.05	20.46	20.28	20.91	20.50	19.99	20.00	20.19	20.65	20.28	20.0
MIN	18.71	18.75	19.27	18.91	19.07	18.87	18.69	19.42	19.33	19.66	19.43	19.0

CAL YR 1983	MEAN	19.41	MAX	20.56	MIN	18.18
WTR YR 1984	MEAN	19.67	MAX	20.91	MIN	18.69

HYDROGRAPH



321459080420101. Local number, BFT-786.

LOCATION.--Lat 32°14'59", long 80°42'01", Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at end of State Road 335.
Owner: Town of Hilton Head.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 524 ft, cased to 300 ft, open hole from 300 to 524 ft.

DATUM.--Land-surface datum is 12.14 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .70 ft above land-surface datum (revised).

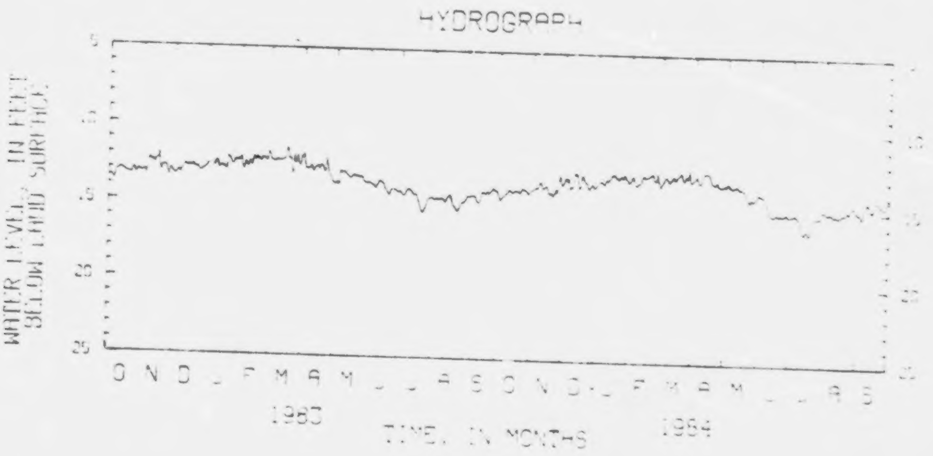
PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 8.33 ft below land-surface datum, May 18, 1980; lowest, 16.48 ft below land-surface datum, July 18, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.20	13.95	13.43	13.55	13.21	13.51	13.03	13.43	13.87	15.29	14.88	14.97
2	14.44	13.91	13.33	13.44	13.18	13.31	13.03	13.36	13.97	15.23	14.94	14.98
3	14.65	13.85	13.08	13.37	13.00	13.22	12.96	13.23	13.99	15.23	15.03	14.97
4	14.51	13.84	13.13	13.30	12.86	13.15	12.78	13.30	13.99	15.17	15.07	15.18
5	14.37	13.73	13.30	13.25	13.01	12.93	13.02	13.43	14.08	15.14	15.05	15.32
6	14.36	13.79	13.09	13.22	13.42	12.84	13.24	13.45	14.19	15.24	15.02	15.07
7	14.29	13.77	13.83	13.35	13.48	12.96	13.26	13.54	14.29	15.28	15.03	14.81
8	14.14	13.52	13.61	13.37	13.40	13.02	13.19	13.50	14.47	15.39	15.04	14.67
9	14.17	13.40	13.68	13.46	13.32	13.25	12.87	13.46	14.64	15.44	15.15	14.37
10	14.08	13.40	13.68	13.12	13.31	13.08	12.71	13.42	14.83	15.74	15.22	14.27
11	13.90	13.72	13.12	13.20	13.29	13.07	12.59	13.40	15.00	15.98	15.18	14.29
12	13.98	13.82	12.71	13.21	13.15	12.97	12.63	13.40	15.20	16.17	15.14	14.51
13	14.00	13.70	12.82	13.08	12.90	12.82	12.58	13.52	15.26	16.39	15.20	14.74
14	14.13	13.67	12.78	13.06	12.80	12.99	12.59	13.59	15.30	16.42	15.26	14.79
15	14.08	13.60	13.25	12.89	12.93	13.04	12.64	13.56	15.30	16.21	15.23	14.86
16	13.99	13.83	13.74	12.77	12.92	12.93	12.73	13.57	15.25	16.16	15.19	14.68
17	14.00	14.06	13.66	12.83	12.89	12.85	12.98	13.66	15.15	16.27	15.13	14.43
18	14.01	14.13	13.13	12.75	12.91	12.75	13.18	13.64	15.18	16.48	15.06	14.27
19	13.98	14.14	12.86	12.92	12.87	12.70	13.24	13.81	15.27	16.40	15.05	14.19
20	14.03	14.04	13.05	12.99	12.80	12.56	13.31	13.93	15.22	16.13	15.08	14.13
21	14.13	14.27	13.25	12.95	12.77	12.74	13.31	14.08	15.20	15.77	15.03	14.26
22	14.05	14.24	13.31	13.11	12.64	13.00	13.22	14.23	15.26	15.54	14.88	14.39
23	13.83	14.06	13.37	13.00	12.75	13.13	13.14	14.38	15.23	15.43	14.86	14.43
24	13.87	13.80	13.64	12.88	13.07	12.98	13.41	14.39	15.28	15.39	14.99	14.54
25	13.93	14.06	13.78	12.96	13.17	12.81	13.40	14.20	15.21	15.34	14.88	14.60
26	13.87	13.72	13.65	13.02	13.07	12.96	13.49	14.31	15.15	15.34	14.79	14.67
27	13.95	13.22	13.59	12.77	12.64	12.83	13.43	14.31	15.13	15.33	14.63	14.63
28	14.03	12.93	13.44	12.89	13.11	12.46	13.46	14.27	15.23	15.35	14.54	14.33
29	14.21	13.44	13.51	13.02	13.57	13.14	13.41	14.19	15.31	15.25	14.60	14.25
30	14.10	13.58	13.68	13.06	---	13.23	13.34	14.10	15.29	14.97	14.71	14.15
31	14.01	---	13.66	13.31	---	13.12	---	13.95	---	14.88	14.86	---
MEAN	14.11	13.77	13.36	13.10	13.05	12.98	13.07	13.76	14.89	15.62	14.99	14.59
MAX	14.65	14.27	13.83	13.55	13.57	13.51	13.49	14.39	15.31	16.48	15.26	15.32
MIN	13.83	12.93	12.71	12.75	12.64	12.46	12.58	13.23	13.87	14.88	14.54	14.15

CAL YR 1983	MEAN	13.52	MAX	15.52	MIN	11.52
WTR YR 1984	MEAN	13.94	MAX	16.48	MIN	12.46



BEAUFORT COUNTY

321459080420102. Local number, BFT-787.

LOCATION.--Lat 32°14'59", long 80°42'01", Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at end of State Road 335.
Owner: Town of Hilton Head.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 239 ft, cased to 126 ft, open hole from 126 to 239 ft.

DATUM.--Land-surface datum is 12 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--Record estimated Jan. 1-5, Feb. 9 to Mar. 10, June 3-15, 1983.

PERIOD OF RECORD.--July 1977 to current year.

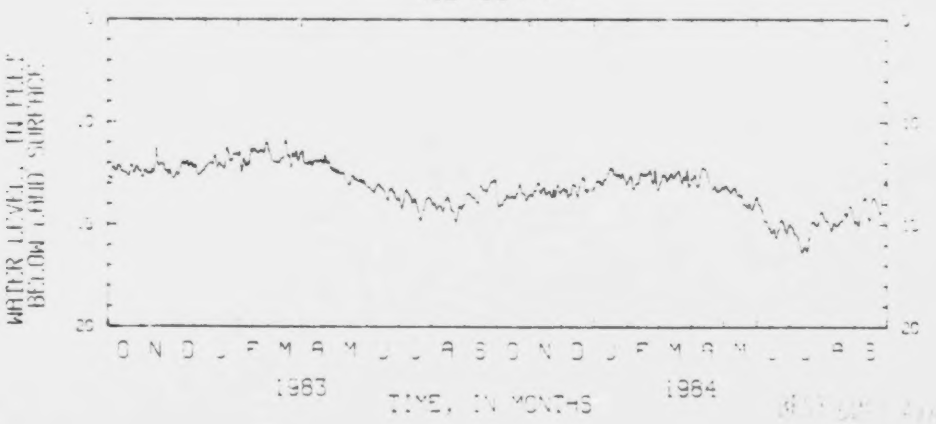
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.99 ft below land-surface datum, Mar. 9, 1978; lowest 16.35 ft below land-surface datum July 13, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.44	13.57	13.36	13.11	12.92	13.37	12.77	13.25	13.60	15.05	14.39	14.94
2	13.84	13.54	13.33	12.98	12.85	13.08	12.76	13.18	13.88	14.96	14.53	14.83
3	14.15	13.52	13.22	12.92	12.70	12.95	12.69	13.07	13.99	15.07	14.65	14.86
4	14.08	13.65	13.27	12.86	12.60	12.84	12.54	13.16	14.01	15.10	14.77	15.09
5	14.02	13.36	13.39	12.89	12.77	12.61	12.87	13.28	14.15	15.15	14.81	15.00
6	14.07	13.33	13.30	12.88	13.27	12.55	13.16	13.28	14.29	15.45	14.80	14.39
7	14.03	13.40	13.73	13.03	13.27	12.65	13.15	13.42	14.45	15.41	14.37	14.14
8	13.79	13.08	13.52	12.96	13.09	12.68	13.03	13.43	14.80	15.52	14.95	14.06
9	13.80	12.94	13.53	13.07	13.00	12.97	12.62	13.34	14.83	15.51	15.16	13.78
10	13.75	12.98	13.56	12.75	13.00	12.74	12.39	13.22	14.82	15.73	15.34	13.69
11	13.54	13.39	13.23	12.84	13.00	12.75	12.21	13.21	14.91	15.98	15.15	13.67
12	13.68	13.50	13.01	12.72	12.84	12.62	12.26	13.24	15.16	16.16	14.91	14.06
13	13.64	13.33	13.08	12.52	12.55	12.45	12.27	13.43	15.13	16.35	14.94	14.55
14	13.72	13.24	13.10	12.52	12.46	12.65	12.31	13.58	15.32	16.34	15.05	14.70
15	13.67	13.18	13.39	12.34	12.59	12.74	12.42	13.53	15.43	16.05	15.05	14.32
16	13.60	13.47	13.66	12.22	12.57	12.66	12.57	13.51	15.29	16.14	15.00	14.36
17	13.68	13.55	13.55	12.33	12.55	12.60	12.88	13.66	15.19	16.13	14.99	13.91
18	13.72	13.44	13.18	12.27	12.60	12.48	13.12	13.55	15.40	16.31	14.85	13.71
19	13.65	13.41	13.01	12.52	12.56	12.47	13.17	13.93	15.67	16.08	14.79	13.67
20	13.47	13.35	12.89	12.58	12.51	12.33	13.24	14.02	15.51	15.66	14.84	13.77
21	13.49	13.51	12.65	12.49	12.51	12.56	13.26	14.02	15.25	15.22	14.76	13.92
22	13.22	13.70	12.79	12.66	12.32	12.85	13.19	14.01	15.21	14.95	14.43	14.06
23	12.99	13.62	12.92	12.58	12.48	13.01	13.08	14.18	14.79	14.83	14.42	14.16
24	13.22	13.27	13.30	12.53	12.89	12.81	13.40	14.08	14.74	14.85	14.67	14.42
25	13.46	13.64	13.44	12.69	13.02	12.64	13.29	13.93	14.80	14.90	14.46	14.50
26	13.50	13.45	13.27	12.75	12.85	12.85	13.39	14.18	14.90	15.02	14.27	14.09
27	13.51	13.13	13.29	12.47	12.33	12.69	13.30	14.24	15.03	15.02	14.10	13.63
28	13.56	13.02	13.24	12.62	12.96	12.27	13.34	14.26	15.27	15.03	14.07	13.20
29	13.89	13.37	13.32	12.80	13.56	13.15	13.22	14.07	15.45	14.85	14.22	12.99
30	13.76	13.48	13.38	12.82	---	13.14	13.12	13.93	15.18	14.46	14.40	12.78
31	13.60	---	13.29	13.10	---	12.90	---	13.71	---	14.35	14.71	---
MEAN	13.66	13.38	13.26	12.70	12.78	12.74	12.90	13.64	14.88	15.41	14.72	14.12
MAX	14.15	13.70	13.73	13.11	13.56	13.37	13.40	14.26	15.67	16.35	15.34	15.09
MIN	12.99	12.94	12.65	12.22	12.32	12.27	12.21	13.07	13.60	14.35	14.07	12.78

CAL YR 1983 MEAN 12.93 MAX 14.92 MIN 10.88
WTR YR 1984 MEAN 13.69 MAX 16.35 MIN 12.21

HYDROGRAPH



BERKELEY COUNTY

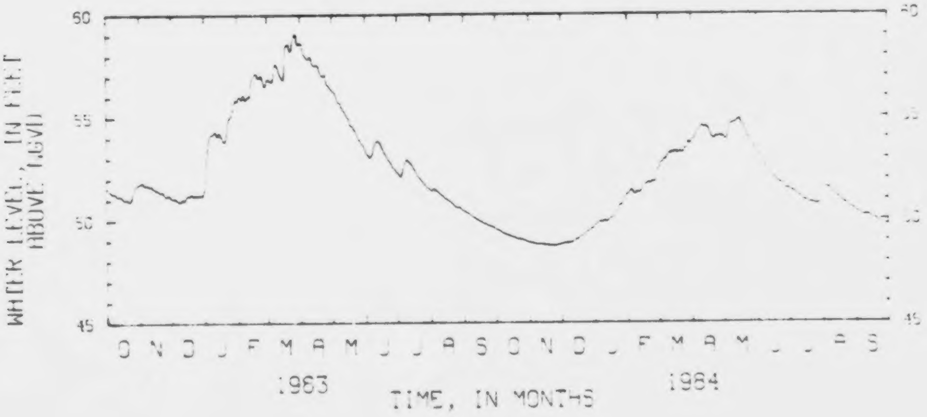
332455079545501. Local number, BRK-62, Cooper River Rediversion No. 19.
LOCATION.--Lat 33°24'55", long 79°54'55", Hydrologic Unit 03050112, North Main Street in St. Stephens.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 32 ft, screened interval 21-31 ft.
DATUM.--Measuring point: Top of platform, 74.61 ft National Geodetic Vertical Datum of 1929, 2.7 ft above land surface.
REMARKS.--Record estimated May 7 to 15, 1984.
PERIOD OF RECORD.--November 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 59.08 ft NGVD, Mar. 27, 1983; lowest, 48.47 ft NGVD, Nov. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.54	48.90	48.84	49.72	51.25	52.63	53.89	53.95	53.23	51.42	51.34	50.39
2	49.52	48.89	48.86	49.78	51.30	52.77	53.89	53.91	53.17	51.40	51.44	50.37
3	49.49	48.88	48.88	49.82	51.42	52.79	53.96	53.93	53.08	51.39	51.53	50.35
4	49.47	48.87	48.88	49.87	51.46	52.80	54.09	54.06	52.96	51.37	51.56	50.31
5	49.44	48.85	48.88	49.91	51.40	52.91	54.22	54.29	52.84	51.34	51.54	50.27
6	49.40	48.84	48.91	49.93	51.32	52.96	54.30	54.58	52.78	51.29	51.54	50.24
7	49.36	48.82	48.88	49.90	51.26	52.91	54.36	54.65	52.71	51.25	51.52	50.22
8	49.34	48.82	48.90	49.90	51.27	53.08	54.39	54.68	52.65	51.18	51.47	50.18
9	49.32	48.82	48.90	49.91	51.34	53.11	54.50	54.70	52.59	51.13	51.40	50.19
10	49.29	48.84	48.91	49.99	51.34	53.20	54.56	54.72	52.51	51.13	51.35	50.20
11	49.28	48.82	48.93	49.93	51.35	53.27	54.53	54.73	52.44	51.10	51.30	[illegible]
12	49.26	48.80	48.97	49.91	51.35	53.20	54.48	54.75	52.36	51.05	51.24	[illegible]
13	49.24	48.80	49.01	49.96	51.38	53.31	54.52	54.82	52.30	50.97	51.19	50.18
14	49.21	48.78	49.05	50.01	51.52	53.27	54.52	54.86	52.25	50.92	51.14	50.16
15	49.19	48.80	49.07	50.04	51.58	53.27	54.49	54.92	52.16	50.94	51.09	50.12
16	49.17	48.78	49.08	50.09	51.67	53.35	54.43	54.82	52.08	50.93	51.05	50.06
17	49.16	48.77	49.11	50.10	51.73	53.29	54.29	54.67	52.03	50.88	51.01	50.03
18	49.14	48.76	49.15	50.17	51.75	53.26	54.14	54.59	51.98	50.84	50.96	50.03
19	49.11	48.76	49.19	50.21	51.79	53.28	54.04	54.54	51.90	50.80	50.91	50.01
20	49.09	48.77	49.22	50.31	51.82	53.30	53.96	54.38	51.82	50.81	50.86	49.99
21	49.07	48.75	49.27	50.41	51.79	53.32	53.93	54.21	51.81	50.82	50.79	[illegible]
22	49.06	48.75	49.32	50.49	51.77	53.27	53.92	54.05	51.79	50.82	50.79	49.89
23	49.07	48.75	49.37	50.60	51.88	53.27	54.06	54.00	51.74	50.79	50.78	49.87
24	49.06	48.76	49.41	50.71	51.85	53.30	54.04	53.92	51.72	50.77	50.71	49.85
25	49.04	48.74	49.43	50.73	51.87	53.46	54.03	53.82	51.68	50.74	50.65	49.83
26	49.03	48.76	49.47	50.73	51.84	53.46	54.05	53.70	51.59	50.74	50.62	49.80
27	49.00	48.79	49.51	50.87	52.09	53.53	54.07	53.57	51.53	50.75	50.60	49.76
28	48.98	48.81	49.57	50.99	52.40	53.80	54.08	53.51	51.49	50.75	50.56	49.76
29	48.96	48.81	49.58	51.10	52.54	53.74	54.02	53.50	51.49	50.84	50.53	49.77
30	48.93	48.82	49.59	51.22	---	53.66	54.04	53.44	51.48	51.06	50.50	49.75
31	48.92	---	49.66	51.21	---	53.78	---	53.33	---	51.24	50.46	---
MEAN	49.20	48.80	49.15	50.27	51.63	53.24	54.19	54.25	52.21	51.01	51.05	50.06
MAX	49.54	48.90	49.66	51.22	52.54	53.80	54.56	54.92	53.23	51.42	51.56	50.39
MIN	48.92	48.74	48.84	49.72	51.25	52.63	53.39	53.33	51.48	50.74	50.46	49.75

CAL YR 1983	MEAN	52.84	MAX	59.08	MIN	48.74
WTR YR 1984	MEAN	51.25	MAX	54.92	MIN	48.74

HYDROGRAPH



BERKELEY COUNTY

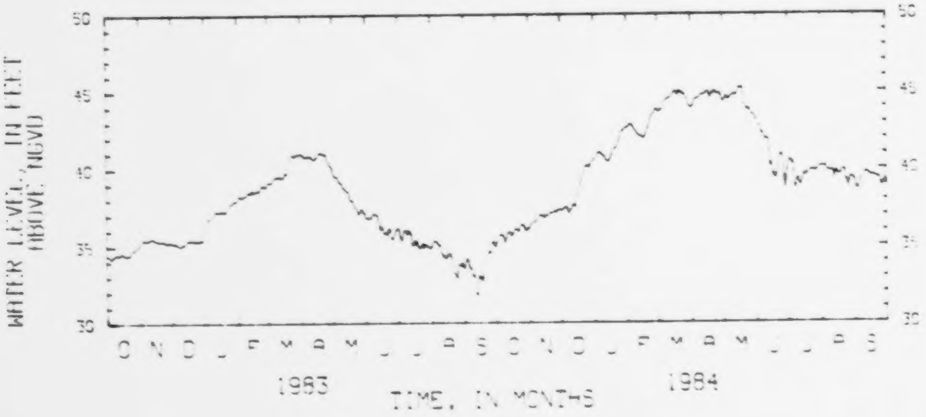
332455079545500. Local number, BRK-63, Cooper River Rediversion No. 20.
LOCATION.--Lat 33°24'55", long 79°54'55", Hydrologic Unit 03050112, North Main Street in St. Stephens.
Owner: U.S. Army Corp of Engineers.
AQUIFER.--Eocene limestones.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 158 ft, cased to 133 ft, open hole from 133 to 158 ft.
DATUM.--Measuring point: Top of platform, 75.04 ft National Geodetic Vertical Datum of 1929, 2.93 ft above land surface.
REMARKS.--Record estimated Jan. 1-5, Mar. 3, Apr. 21-28, 1983.
PERIOD OF RECORD.--November 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 50.95 ft NGVD, Mar. 26, 1975; lowest, 28.62 ft NGVD, Oct. 31, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.22	36.12	37.30	40.62	42.65	43.67	43.93	44.27	43.13	40.32	40.11	39.26
2	35.28	36.29	37.32	40.74	42.67	43.69	43.97	44.41	43.03	40.50	40.13	38.84
3	35.52	36.43	37.39	40.85	42.77	43.75	44.10	44.50	42.86	40.54	40.14	38.63
4	35.68	36.46	37.44	40.94	42.86	43.77	44.29	44.65	42.76	40.31	40.14	38.62
5	35.74	36.52	37.44	41.01	42.83	43.86	44.46	44.53	42.49	40.39	40.07	38.88
6	35.65	36.55	37.52	41.03	42.74	44.15	44.48	44.47	42.27	39.73	39.93	39.18
7	35.69	36.58	37.34	40.99	42.60	44.30	44.52	44.54	42.29	38.67	39.82	39.29
8	35.55	36.70	37.05	40.91	42.50	44.37	44.54	44.64	42.08	38.81	39.87	39.32
9	35.18	36.81	37.27	40.81	42.41	44.43	44.61	44.68	41.90	39.22	39.75	39.48
10	35.44	36.92	37.34	40.81	42.30	44.48	44.72	44.72	41.87	39.38	39.80	39.63
11	35.70	36.96	37.45	40.71	42.20	44.53	44.74	44.81	41.93	39.00	39.35	39.73
12	35.86	36.93	37.66	40.52	42.10	44.55	44.75	44.72	41.87	38.90	39.82	39.70
13	35.91	36.94	37.61	40.46	42.07	44.68	44.80	44.74	41.24	39.02	39.19	39.70
14	35.86	36.95	37.51	40.44	42.11	44.74	44.78	44.82	40.10	39.30	39.67	39.69
15	35.61	36.78	37.96	40.49	41.99	44.80	44.88	45.02	40.31	39.49	39.82	39.57
16	35.74	36.94	38.21	40.66	41.94	44.91	44.95	45.21	39.81	39.66	39.63	39.50
17	35.84	36.96	38.46	40.80	42.00	44.97	44.97	45.16	39.46	39.51	39.57	39.54
18	36.04	36.96	38.70	41.01	42.11	44.93	44.81	45.21	39.64	39.62	39.63	39.53
19	36.06	37.01	39.02	41.19	42.28	44.71	44.54	45.24	39.21	39.65	39.61	39.51
20	36.07	37.10	39.24	41.25	42.49	44.86	44.77	44.71	39.56	39.72	39.83	39.48
21	36.01	37.11	39.50	41.30	42.66	45.01	44.88	44.13	40.03	39.83	39.91	39.45
22	35.89	37.11	39.79	41.37	42.89	44.94	44.83	44.06	40.56	39.85	39.90	39.33
23	36.19	37.14	39.99	41.55	43.25	44.86	45.03	43.84	40.79	39.85	39.37	39.40
24	36.33	37.18	40.16	41.77	43.41	44.81	44.90	43.77	40.91	39.89	39.20	39.39
25	36.37	37.24	40.16	41.98	43.52	44.84	44.86	43.89	40.85	39.34	39.25	39.21
26	36.32	37.15	40.19	42.11	43.55	44.70	44.80	43.74	40.25	39.81	38.75	38.86
27	36.30	37.20	40.05	42.35	43.73	44.52	44.85	43.56	39.45	39.82	39.09	38.89
28	36.04	37.33	40.23	42.45	43.81	44.49	44.83	43.48	38.64	39.88	39.38	39.05
29	35.94	37.32	40.42	42.51	43.74	44.33	44.71	43.45	39.39	39.97	39.36	39.18
30	36.14	37.30	40.49	42.58	---	44.06	44.43	43.38	40.06	40.07	39.43	39.26
31	36.09	---	40.52	42.60	---	43.93	---	43.26	---	40.09	39.33	---
MEAN	35.85	36.90	38.60	41.25	42.70	44.47	44.66	44.37	40.96	39.70	39.67	39.30
MAX	36.37	37.33	40.52	42.60	43.81	45.01	45.03	45.24	43.13	40.54	40.14	39.73
MIN	35.18	36.12	37.05	40.44	41.94	43.67	43.93	43.26	38.64	38.67	38.75	38.62

CAL YR 1983 MEAN 37.14 MAX 41.08 MIN 31.77
WTR YR 1984 MEAN 40.69 MAX 45.24 MIN 35.18

HYDROGRAPH



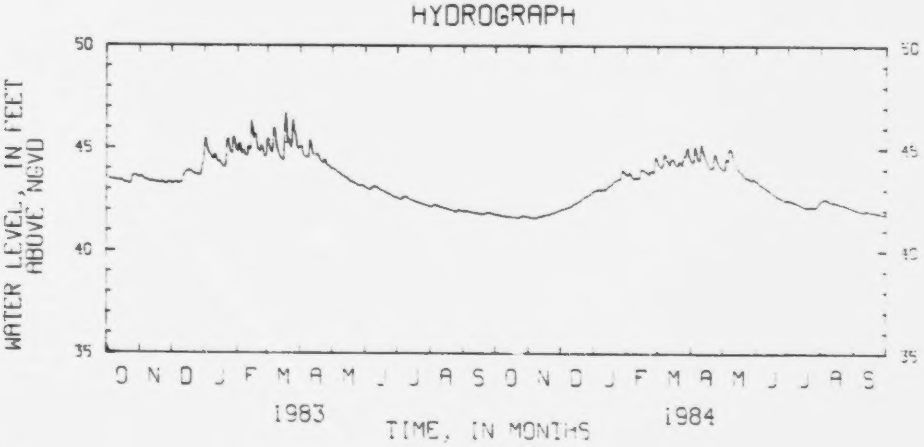
BERKELEY COUNTY

332630079592501 Local number, BRK-64, Cooper River Rediversion No. 3.
LOCATION.--Lat 33°26'30", long 79°59'25", Hydrologic Unit 03050112, at intersection of State Roads 6 and 35 west of U.S. Hwy. 52.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 35 ft, screened interval 20-35 ft.
DATUM.--Measuring point: Top of casing, 61.24 ft National Geodetic Vertical Datum of 1929, 2.6 ft above land surface.
REMARKS.--Record estimated Oct. 1 to 7, 1982.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 46.71 ft NGVD, Mar. 18, 1983; lowest, 41.17 ft NGVD, Nov. 25 to 28, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.77	41.65	42.02	42.92	43.72	44.24	44.45	43.98	43.43	42.48	42.47	42.05
2	41.77	41.64	42.04	42.95	43.71	44.23	44.33	43.97	43.41	42.47	42.51	42.04
3	41.76	41.63	42.05	42.96	43.80	44.14	44.31	43.98	43.36	42.46	42.55	42.02
4	41.75	41.62	42.06	42.99	43.80	44.07	44.41	44.45	43.30	42.45	42.56	42.00
5	41.74	41.62	42.08	42.99	43.71	44.12	45.07	44.48	43.25	42.43	42.55	41.98
6	41.72	41.61	42.10	43.01	43.61	44.23	44.86	44.38	43.22	42.41	42.54	41.97
7	41.71	41.61	42.11	42.97	43.53	44.71	44.60	44.96	43.19	42.39	42.51	41.95
8	41.70	41.61	42.14	42.97	43.53	44.69	44.43	44.96	43.15	42.37	42.48	41.94
9	41.69	41.63	42.15	42.97	43.57	44.46	44.40	44.91	43.12	42.35	42.43	41.93
10	41.68	41.68	42.17	43.04	43.56	44.40	44.67	44.73	43.08	42.33	42.40	41.93
11	41.68	41.70	42.19	42.98	43.55	44.33	45.20	44.52	43.04	42.30	42.39	41.97
12	41.67	41.71	42.24	42.99	43.54	44.18	44.91	44.38	42.99	42.29	42.40	41.98
13	41.67	41.72	42.28	43.05	43.58	44.36	44.75	44.25	42.97	42.24	42.40	41.97
14	41.66	41.72	42.31	43.11	43.97	44.50	44.60	44.16	42.94	42.22	42.39	41.97
15	41.66	41.74	42.33	43.16	43.96	44.45	44.47	44.02	42.89	42.20	42.37	41.94
16	41.65	41.76	42.36	43.19	43.95	44.43	44.35	43.95	42.85	42.19	42.35	41.92
17	41.65	41.77	42.39	43.20	43.93	44.28	44.22	43.87	42.82	42.16	42.33	41.92
18	41.65	41.79	42.42	43.26	43.87	44.20	44.11	43.83	42.79	42.13	42.31	41.91
19	41.64	41.79	42.45	43.34	43.85	44.16	44.05	43.60	42.74	42.13	42.29	41.91
20	41.63	41.81	42.49	43.40	43.83	44.14	44.02	43.72	42.69	42.16	42.28	41.90
21	41.62	41.82	42.54	43.41	43.77	44.35	44.06	43.65	42.66	42.17	42.27	41.89
22	41.62	41.84	42.59	43.42	43.73	44.33	44.07	43.58	42.64	42.19	42.27	41.87
23	41.63	41.86	42.63	43.48	43.88	44.24	44.57	43.57	42.62	42.18	42.26	41.87
24	41.67	41.87	42.65	43.51	43.90	44.19	44.74	43.56	42.60	42.17	42.23	41.86
25	41.70	41.87	42.67	43.50	43.87	44.52	44.53	43.55	42.58	42.14	42.20	41.84
26	41.71	41.90	42.69	43.50	43.80	44.66	44.36	43.51	42.54	42.15	42.18	41.83
27	41.71	41.93	42.72	43.79	44.17	44.60	44.23	43.47	42.50	42.18	42.16	41.81
28	41.71	41.95	42.75	43.95	44.58	44.89	44.16	43.46	42.47	42.22	42.13	41.80
29	41.70	41.97	42.79	43.86	44.35	45.05	44.07	43.51	42.48	42.28	42.11	41.82
30	41.68	42.00	42.83	43.85	---	44.67	44.06	43.51	42.50	42.39	42.10	41.84
31	41.67	---	42.89	43.74	---	44.54	---	43.47	---	42.44	42.08	---
MEAN	41.69	41.76	42.39	43.27	43.81	44.40	44.44	44.00	42.89	42.28	42.34	41.92
MAX	41.77	42.00	42.89	43.95	44.58	45.05	45.20	44.96	43.43	42.48	42.56	42.05
MIN	41.62	41.61	42.02	42.92	43.53	44.07	44.02	43.46	42.47	42.13	42.08	41.80

CAL YR 1983	MEAN	43.17	MAX	46.71	MIN	41.61
WTR YR 1984	MEAN	42.93	MAX	45.20	MIN	41.61



BERKELEY COUNTY

332630079592500. Local number, BRK-65, Cooper River Rediversion No. 4.

LOCATION.--Lat 33°26'30", long 79°59'25", Hydrologic Unit 03050112, at intersection of State Roads 6 and 35 west of U.S. Hwy. 52.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Eocene limestones.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 130 ft, cased to 102 ft, open hole from 102 to 130 ft.

DATUM.--Measuring point: Top of casing, 61.17 ft National Geodetic Vertical Datum of 1929, 2.6 ft above land surface.

PERIOD OF RECORD.--September 1975 to current year.

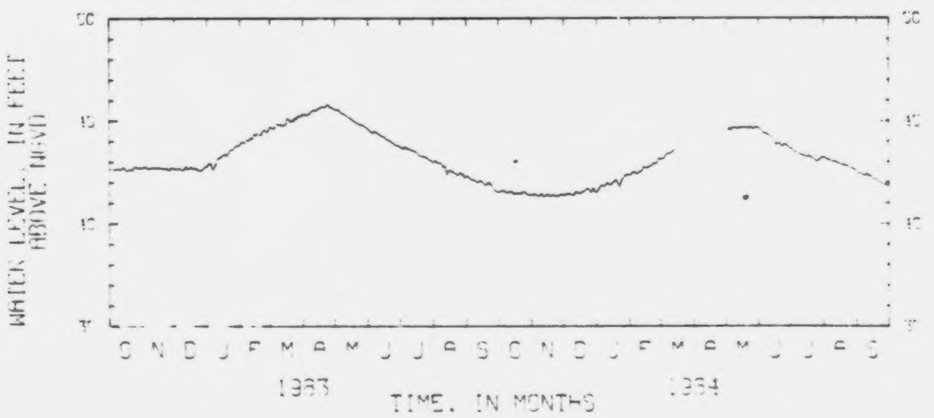
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 45.80 ft NGVD, Apr. 24, 1983; lowest, 39.66 ft NGVD, Nov. 28, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.52	41.37	41.37	41.51	42.36	43.11		---	44.64	43.67	43.23	42.52
2	41.53	41.37	41.36	41.59	42.36	43.14		44.49	44.59	43.65	43.19	42.47
3	41.58	41.40	41.42	41.68	42.44	43.15		44.53	44.56	43.57	43.16	42.45
4	41.59	41.43	41.42	41.75	42.50	43.16		44.66	44.50	43.51	43.11	42.42
5	41.59	41.38	41.42	41.83	42.50	43.24		44.56	44.44	43.49	43.11	42.41
6	41.59	41.36	41.47	41.87	42.48	43.34		44.55	44.37	43.46	43.11	42.39
7	41.54	41.32	41.41	41.80	42.40	43.40		44.64	44.40	43.43	43.07	42.36
8	41.51	41.34	41.40	41.81	42.42	43.38		44.66	44.40	43.44	43.03	42.31
9	41.50	41.38	41.39	41.84	42.46	43.38		44.67	44.33	43.42	43.02	42.34
10	41.52	41.43	41.35	41.95	42.49	43.40		44.66	44.32	43.35	43.02	42.40
11	41.53	41.42	41.39	41.98	42.53	43.46		44.64	44.27	43.33	42.98	42.39
12	41.54	41.31	41.54	41.89	42.56	43.45		44.60	44.24	43.34	43.02	42.31
13	41.55	41.32	41.51	41.91	42.62	43.56		44.65	44.21	43.33	42.99	42.33
14	41.49	41.32	41.50	41.87	42.76	43.58		44.67	44.11	43.29	42.95	42.32
15	41.39	41.38	41.48	41.91	42.70	43.61		44.68	44.05	43.25	42.93	42.22
16	41.46	41.41	41.46	41.98	42.70	---		44.67	43.98	43.26	42.91	42.13
17	41.49	41.37	41.46	42.02	42.73	---		44.66	43.82	43.26	42.89	42.16
18	41.45	41.34	41.50	42.09	42.72	---		44.67	43.89	43.29	42.83	42.14
19	41.45	41.30	41.56	42.13	42.74	---		44.68	43.92	43.26	42.87	42.14
20	41.46	41.37	41.55	42.03	42.80	---		44.69	43.89	43.20	42.89	42.10
21	41.47	41.36	41.59	41.94	42.80	---		44.66	43.87	43.21	42.79	42.07
22	41.43	41.34	41.66	41.76	42.81	---		44.63	43.76	43.15	42.82	42.01
23	41.50	41.35	41.69	41.87	42.94	---		44.67	43.76	43.14	42.82	41.97
24	41.53	41.36	41.70	42.05	42.92	---		44.71	43.84	43.07	42.79	41.97
25	41.52	41.35	41.62	42.15	42.90	---		44.68	43.86	43.06	42.70	41.96
26	41.51	41.31	41.52	42.18	42.89	---		44.64	43.83	43.00	42.71	41.91
27	41.44	41.34	41.48	42.33	43.04	---		44.62	43.83	43.09	42.71	41.84
28	41.40	41.41	41.64	42.33	43.18	---		44.63	43.78	43.10	42.66	41.88
29	41.39	41.43	41.72	42.32	43.10	---		44.68	43.73	43.16	42.65	41.91
30	41.37	41.38	41.58	42.39	---	---		44.69	43.68	43.21	42.63	41.84
31	41.39	---	41.51	42.36	---	---		44.67	---	43.23	42.60	---
MEAN	41.49	41.36	41.51	41.97	42.68	---		---	44.10	43.30	42.91	42.19
MAX	41.59	41.43	41.72	42.39	43.18	---		---	44.64	43.67	43.23	42.52
MIN	41.37	41.30	41.35	41.51	42.36	---		---	43.68	43.00	42.60	41.84

CAL YR 1983 MEAN 43.30 MAX 45.80 MIN 41.30

HYDROGRAPH

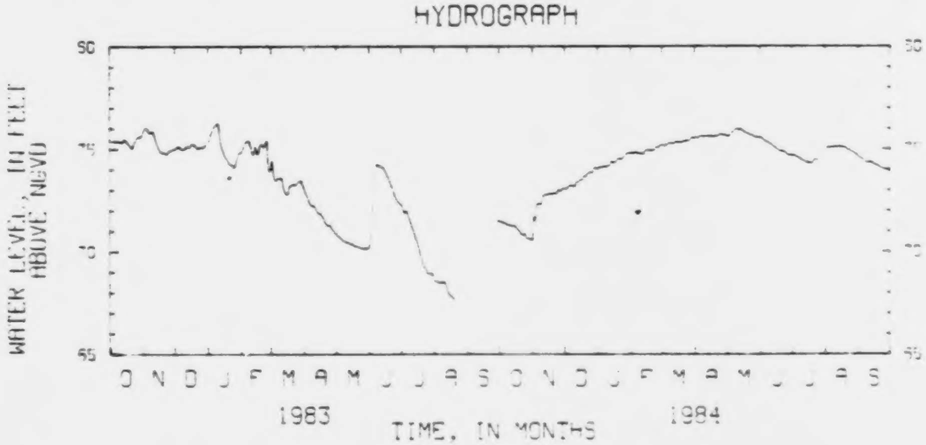


332435079580500. Local number, BRK-66. Cooper River Rediversion No. 5.
LOCATION.--Lat 33°24'35", long 79°58'05", Hydrologic Unit 03050112, in fork of side roads connecting State Hwys. 45 and 13. Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 42 ft, cased to 32 ft, screened intervals 32-42 ft.
DATUM.--Measuring point: Top of casing, 96.40 ft National Geodetic Vertical Datum of 1929, 12.46 ft above land surface.
REMARKS.--Record estimated Oct. 19 to Nov. 17, 1982, Jan. 5, Jan. 26 to Mar. 2, Aug. 14 to 19, 1983, April 18 to May 1, 1984.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 76.25 ft NGVD, Jan. 10, 1983; lowest, 67.66 ft NGVD, Apr. 16, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.48	70.58	73.06	74.04	74.81	75.17	75.53	75.63	75.53	74.68	74.96	74.64
2	71.46	71.69	73.06	74.06	74.80	75.17	75.53	75.60	75.51	74.68	75.03	74.59
3	71.44	71.49	73.06	74.11	74.80	75.17	75.53	75.60	75.48	74.67	75.05	74.56
4	71.42	71.72	73.15	74.12	74.81	75.17	75.53	75.74	75.44	74.64	75.07	74.53
5	71.40	72.31	73.17	74.13	74.83	75.17	75.60	75.77	75.39	74.61	75.07	74.50
6	71.38	72.33	73.22	74.14	74.82	75.20	75.60	75.77	75.36	74.59	75.07	74.45
7	71.35	72.33	73.21	74.14	74.80	75.27	75.60	75.85	75.35	74.56	75.09	74.41
8	71.32	72.31	73.19	74.14	74.77	75.27	75.60	75.90	75.30	74.53	75.09	74.36
9	71.31	72.32	73.19	74.14	74.77	75.27	75.60	75.95	75.27	74.49	75.09	74.32
10	71.29	72.45	73.19	74.16	74.76	75.27	75.60	75.96	75.24	74.46	75.07	74.34
11	71.27	72.71	73.19	74.18	74.76	75.27	75.61	75.95	75.22	74.44	75.07	74.38
12	71.26	72.76	73.36	74.19	74.76	75.27	75.61	75.94	75.17	74.42	75.10	74.36
13	71.25	72.77	73.38	74.29	74.76	75.29	75.61	75.93	75.13	74.37	75.11	74.33
14	71.26	72.78	73.40	74.38	74.89	75.34	75.61	75.92	75.10	74.33	75.11	74.31
15	71.25	72.79	73.46	74.34	74.93	75.34	75.60	75.89	75.06	74.35	75.10	74.29
16	71.21	72.82	73.49	74.35	74.93	75.32	75.60	75.86	75.02	74.33	75.09	74.26
17	71.15	72.82	73.50	74.35	74.93	75.32	75.60	75.82	74.97	74.30	75.08	74.23
18	71.10	72.82	73.53	74.37	74.93	75.32	75.60	75.78	74.93	74.29	75.06	74.20
19	71.04	72.82	73.63	74.47	74.93	75.32	75.60	75.76	74.90	74.31	75.06	74.17
20	70.97	72.83	73.65	74.52	74.93	75.31	75.66	75.74	74.87	74.31	75.05	74.15
21	70.90	72.84	73.67	74.52	74.93	75.37	75.61	75.72	74.89	74.37	75.00	74.13
22	70.85	72.84	73.74	74.51	74.93	75.38	75.63	75.68	74.87	74.46	74.96	74.09
23	70.82	72.84	73.77	74.52	74.95	75.38	75.65	75.64	74.85	74.46	74.94	74.06
24	70.86	72.85	73.85	74.54	75.07	75.38	75.68	75.66	74.83	74.46	74.92	74.04
25	70.78	73.01	73.85	74.59	75.07	75.38	75.70	75.64	74.80	74.46	74.88	74.02
26	70.69	72.96	73.86	74.62	75.07	75.41	75.69	75.60	74.75	74.56	74.86	74.01
27	70.66	72.95	73.86	74.71	75.08	75.42	75.66	75.57	74.71	74.59	74.83	73.97
28	70.63	72.99	73.94	74.77	75.16	75.45	75.65	75.55	74.67	74.68	74.80	73.95
29	70.62	73.06	74.09	74.78	75.17	75.53	75.64	75.56	74.67	74.77	74.76	73.99
30	70.59	73.06	74.05	74.80	---	75.54	75.64	75.56	74.70	74.86	74.73	73.97
31	70.56	---	74.04	74.81	---	75.53	---	75.55	---	74.91	74.69	---
MEAN	71.08	72.56	73.51	74.38	74.90	75.32	75.61	75.74	75.07	74.51	74.99	74.25
MAX	71.48	73.06	74.09	74.81	75.17	75.54	75.70	75.96	75.53	74.91	75.11	74.64
MIN	70.56	70.58	73.06	74.04	74.76	75.17	75.53	75.55	74.67	74.29	74.69	73.95

WTR YR 1984 MEAN 74.32 MAX 75.96 MIN 70.56



BERKELEY COUNTY

332435079580501. Local number, BRK-67, Cooper River Rediversion No. 6.

LOCATION.--Lat 33°24'35", long 79°58'05", Hydrologic Unit 03050112, in fork of side roads connecting State Hwys. 45 and 13.
Owner: U.S. Army Corps of Engineers.

AQUIFER.--Eocene limestones.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 173 ft, cased to 140 ft, open hole from 140 to 173 ft.

DATUM.--Measuring point: Top of casing, 96.95 ft National Geodetic Vertical Datum of 1929, 3.0 ft above land surface.

REMARKS.--Record estimated July 30 to Aug. 19, 1983.

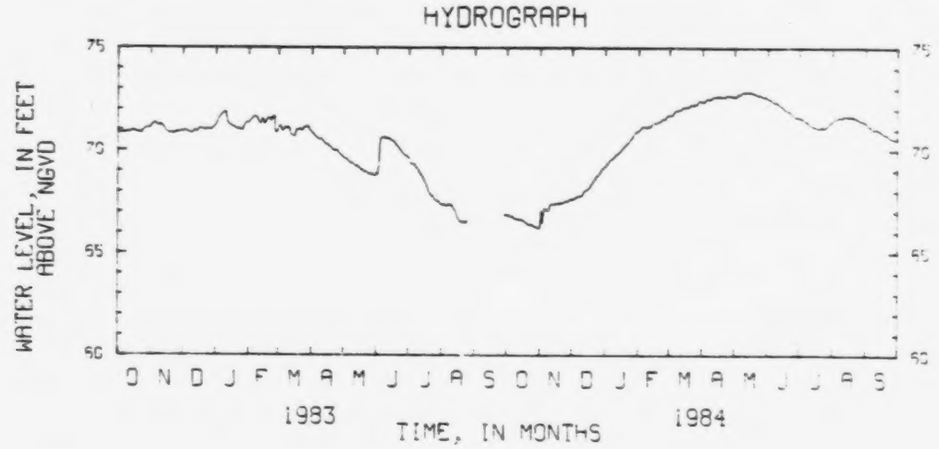
PERIOD OF RECORD.--September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 72.86 ft NGVD, May 9-14, 1984; lowest, 48.10 ft NGVD, Sept. 18, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66.82	66.31	67.62	69.22	70.97	71.71	72.39	72.63	72.55	71.59	71.44	71.35
2	66.81	67.06	67.64	69.27	71.00	71.73	72.39	72.63	72.52	71.58	71.48	71.32
3	66.80	66.46	67.66	69.35	71.07	71.74	72.41	72.64	72.50	71.56	71.51	71.23
4	66.79	67.03	67.70	69.43	71.13	71.76	72.46	72.75	72.47	71.53	71.54	71.20
5	66.78	67.20	67.71	69.50	71.16	71.82	72.53	72.73	72.43	71.48	71.56	71.17
6	66.76	67.11	67.76	69.55	71.17	71.91	72.52	72.72	72.39	71.45	71.59	71.12
7	66.72	67.07	67.77	69.58	71.16	71.95	72.52	72.80	72.35	71.42	71.61	71.07
8	66.68	67.07	67.78	69.61	71.15	71.96	72.51	72.82	72.34	71.38	71.61	71.03
9	66.66	67.10	67.78	69.65	71.15	71.97	72.52	72.86	72.34	71.35	71.62	71.01
10	66.64	67.28	67.81	69.73	71.16	71.98	72.60	72.86	72.32	71.31	71.62	71.03
11	66.63	67.39	67.86	69.79	71.17	72.01	72.62	72.86	72.27	71.27	71.65	71.06
12	66.62	67.38	68.00	69.81	71.18	72.01	72.62	72.86	72.23	71.23	71.67	71.02
13	66.62	67.37	68.03	69.86	71.23	72.08	72.63	72.86	72.19	71.19	71.68	70.99
14	66.63	67.37	68.06	69.91	71.34	72.10	72.64	72.86	72.16	71.16	71.67	70.96
15	66.60	67.40	58.09	69.95	71.33	72.10	72.65	72.85	72.13	71.17	71.66	70.94
16	66.58	67.42	68.12	70.03	71.34	72.12	72.66	72.84	72.07	71.14	71.65	70.89
17	66.54	67.41	68.17	70.08	71.36	72.13	72.65	72.82	72.01	71.10	71.65	70.84
18	66.50	67.40	68.24	70.15	71.37	72.14	72.63	72.79	71.98	71.09	71.65	70.81
19	66.46	67.40	68.36	70.21	71.39	72.15	72.61	72.79	71.95	71.10	71.64	70.79
20	66.42	67.44	68.41	70.26	71.42	72.17	72.62	72.77	71.91	71.09	71.64	70.77
21	66.39	67.45	68.47	70.32	71.43	72.24	72.61	72.74	71.92	71.11	71.61	70.76
22	66.35	67.45	68.59	70.36	71.45	72.23	72.61	72.71	71.88	71.14	71.59	70.71
23	66.37	67.46	68.66	70.41	71.53	72.22	72.68	72.70	71.83	71.13	71.57	70.66
24	66.38	67.49	68.74	70.49	71.54	72.21	72.69	72.71	71.78	71.11	71.55	70.63
25	66.34	67.53	68.78	70.57	71.55	72.26	72.68	72.69	71.74	71.11	71.52	70.61
26	66.30	67.52	68.83	70.61	71.54	72.27	72.67	72.67	71.69	71.17	71.48	70.58
27	66.28	67.53	68.89	70.73	71.63	72.27	72.66	72.63	71.64	71.18	71.46	70.56
28	66.25	67.58	68.99	70.79	71.71	72.39	72.66	72.61	71.61	71.24	71.44	70.54
29	66.25	67.62	69.10	70.86	71.71	72.44	72.64	72.62	71.61	71.30	71.42	70.57
30	66.22	67.61	69.13	70.91	---	72.41	72.64	72.62	71.63	71.36	71.41	70.55
31	66.19	---	69.17	70.94	---	72.39	---	72.59	---	71.40	71.39	---
MEAN	66.53	67.30	68.26	70.06	71.32	72.09	72.59	72.74	72.08	71.27	71.57	70.89
MAX	66.82	67.62	69.17	70.94	71.71	72.44	72.69	72.86	72.55	71.59	71.68	71.35
MIN	66.19	66.31	67.62	69.22	70.97	71.71	72.39	72.59	71.61	71.09	71.39	70.54

WTR YR 1984 MEAN 70.55 MAX 72.86 MIN 66.19



BERKELEY COUNTY

332525079562000. Local number, BRK-68, Cooper River Rediversion No. 7.

LOCATION.--Lat 33°25'25", long 79°56'20", Hydrologic Unit 03050112, northwest of St. Stephens to State Hwy. 293, north across State Hwy. 64, dirt road to 0.5 mi south of Crawl Creek.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Pleistocene sands.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 35 ft, cased to 25 ft, screened 25 to 35 ft.

DATUM.--Measuring point: Top of casing, 52.18 ft, National Geodetic Vertical Datum of 1929, 2.50 ft above land surface.

REMARKS.--Record estimated Oct. 29 to Nov. 17, 1982.

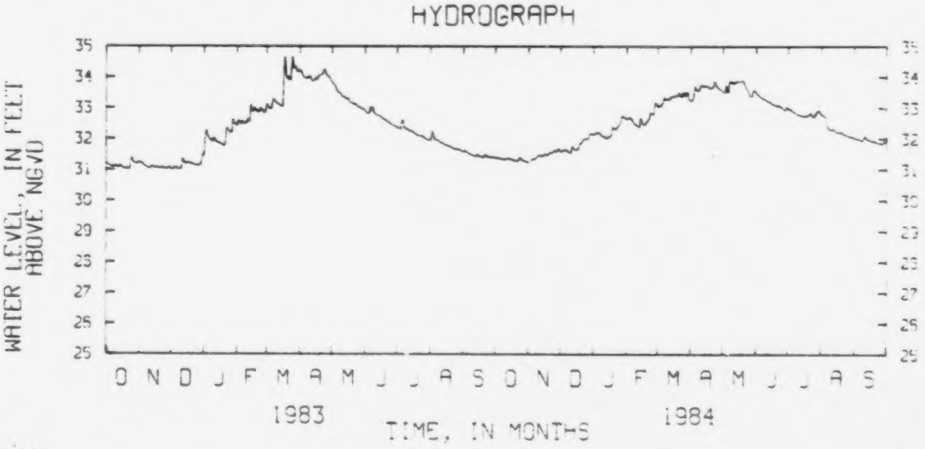
PERIOD OF RECORD.--September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.06 ft NGVD, Oct. 30, 1975; lowest, 31.01 ft NGVD, Dec. 2, 3, 8, 10, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.38	31.24	31.59	32.14	32.65	33.03	33.24	33.53	33.49	32.97	32.79	32.02
2	31.37	31.24	31.59	32.16	32.64	33.06	33.25	33.51	33.47	32.96	32.79	32.01
3	31.37	31.27	31.60	32.17	32.67	33.07	33.30	33.51	33.43	32.96	32.75	32.00
4	31.36	31.32	31.63	32.18	32.69	33.07	33.43	33.75	33.39	32.92	32.72	31.99
5	31.36	31.34	31.63	32.20	32.66	33.12	33.72	33.56	33.36	32.89	32.71	31.99
6	31.35	31.34	31.64	32.20	32.61	33.21	33.60	33.49	33.33	32.87	32.49	31.97
7	31.34	31.35	31.62	32.16	32.53	33.34	33.57	33.87	33.32	32.86	32.39	31.94
8	31.32	31.37	31.58	32.11	32.48	33.30	33.57	33.82	33.30	32.84	32.34	31.93
9	31.33	31.41	31.56	32.07	32.46	33.28	33.60	33.88	33.29	32.81	32.30	31.96
10	31.34	31.46	31.54	32.09	32.44	33.28	33.72	33.82	33.26	32.78	32.28	32.04
11	31.34	31.47	31.56	32.07	32.41	33.30	33.76	33.80	33.24	32.78	32.30	32.09
12	31.36	31.44	31.76	32.00	32.38	33.28	33.72	33.83	33.22	32.78	32.31	32.01
13	31.35	31.44	31.69	32.01	32.39	33.36	33.72	33.85	33.20	32.75	32.31	31.98
14	31.36	31.44	31.66	32.06	32.68	33.37	33.72	33.87	33.19	32.72	32.25	31.97
15	31.34	31.47	31.64	32.04	32.53	33.36	33.72	33.87	33.16	32.76	32.22	31.96
16	31.32	31.49	31.65	32.07	32.48	33.39	33.72	33.87	33.13	32.75	32.20	31.93
17	31.31	31.48	31.65	32.09	32.47	33.39	33.69	33.87	33.12	32.72	32.20	31.91
18	31.30	31.47	31.70	32.18	32.47	33.39	33.66	33.87	33.11	32.72	32.19	31.91
19	31.29	31.47	31.84	32.38	32.51	33.41	33.64	33.89	33.08	32.77	32.20	31.92
20	31.28	31.52	31.85	32.33	32.57	33.42	33.66	33.86	33.05	32.76	32.21	31.92
21	31.28	31.55	31.87	32.32	32.61	33.51	33.68	33.79	33.10	32.78	32.16	31.90
22	31.27	31.54	31.97	32.32	32.65	33.42	33.69	33.69	33.08	32.86	32.14	31.87
23	31.34	31.54	31.99	32.36	32.83	33.38	33.87	33.63	33.05	32.77	32.15	31.86
24	31.39	31.57	32.00	32.42	32.82	33.37	33.81	33.59	33.04	32.71	32.13	31.86
25	31.34	31.62	31.99	32.47	32.81	33.51	33.72	33.49	33.02	32.69	32.09	31.86
26	31.31	31.60	32.00	32.48	32.79	33.46	33.67	33.40	32.98	32.79	32.08	31.85
27	31.29	31.58	32.02	32.70	33.03	33.38	33.64	33.38	32.94	32.76	32.07	31.83
28	31.27	31.62	32.08	32.74	33.18	33.51	33.63	33.40	32.93	32.90	32.07	31.85
29	31.26	31.68	32.18	32.70	33.07	33.50	33.58	33.54	32.98	32.87	32.06	31.93
30	31.25	31.62	32.16	32.69	---	33.29	33.57	33.58	33.04	32.93	32.06	31.89
31	31.24	---	32.13	32.66	---	33.25	---	33.55	---	32.85	32.04	---
MEAN	31.32	31.46	31.79	32.28	32.64	33.32	33.63	33.69	33.18	32.82	32.29	31.94
MAX	31.39	31.68	32.18	32.74	33.18	33.51	33.87	33.89	33.49	32.97	32.79	32.09
MIN	31.24	31.24	31.54	32.00	32.38	33.03	33.24	33.38	32.93	32.69	32.04	31.83

CAL YR 1983 MEAN 32.37 MAX 34.66 MIN 31.24
WTR YR 1984 MEAN 32.53 MAX 33.89 MIN 31.24



BERKELEY COUNTY

332525079562001. Local number, BRK-69, Cooper River Rediversion No. 3.

LOCATION.--Lat 33°25'25", long 79°56'20", Hydrologic Unit 03050112, northwest of St. Stephens, 0.5 mi south of Crawl Creek.
Owner: U.S. Army Corps of Engineers.

AQUIFER.--Eocene limestones.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 113 ft, cased to 73 ft, open hole from 73 to 113 ft.

DATUM.--Measuring point: Top of casing, 53.39 ft National Geodetic Vertical Datum of 1929, 3.3 ft above land surface.

PERIOD OF RECORD.--September 1975 to current year.

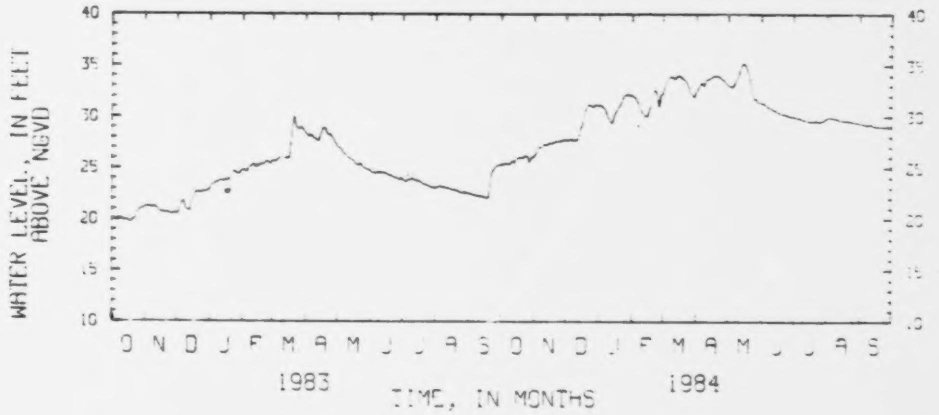
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 41.44 ft NGVD, Apr. 6, 1977; lowest, 18.53 ft NGVD, Dec. 19, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.31	26.16	27.70	31.12	32.05	32.40	32.42	33.04	31.32	29.98	29.36	29.35
2	25.34	26.25	27.70	31.13	31.99	32.75	32.57	32.97	31.32	29.98	29.90	29.33
3	25.37	26.43	27.75	31.06	31.92	33.04	32.76	32.95	31.29	29.97	29.95	29.33
4	25.39	26.63	27.78	30.96	31.81	33.24	32.99	33.00	31.21	29.91	29.97	29.31
5	25.41	26.86	27.75	30.87	31.63	33.49	33.12	32.91	31.12	29.37	29.93	29.27
6	25.40	27.00	27.79	30.77	31.45	33.73	33.29	33.02	31.03	29.87	29.38	29.24
7	25.37	27.03	27.72	30.58	31.25	33.83	33.19	33.25	30.97	29.36	29.38	29.19
8	25.37	27.08	27.73	30.26	30.96	33.90	32.98	33.46	30.92	29.30	29.36	29.17
9	25.39	27.16	27.72	29.97	30.71	33.90	33.24	33.65	30.87	29.72	29.33	29.21
10	25.44	27.25	27.71	29.83	30.47	33.82	33.54	33.85	30.81	29.71	29.31	29.26
11	25.64	27.27	27.76	29.64	30.27	33.76	33.62	34.18	30.75	29.71	29.31	29.28
12	25.68	27.25	27.92	29.43	30.14	33.70	33.64	34.57	30.68	29.68	29.77	29.23
13	25.47	27.29	28.21	29.38	30.08	33.83	33.70	34.35	30.63	29.60	29.65	29.12
14	25.69	27.32	28.69	29.69	30.10	33.90	33.76	35.08	30.59	29.57	29.63	29.08
15	25.85	27.40	28.97	30.06	30.02	33.96	33.84	35.18	30.53	29.54	29.62	29.10
16	25.91	27.43	29.15	30.33	30.30	34.02	33.92	35.20	30.45	29.57	29.64	29.09
17	25.96	27.42	29.54	30.50	30.68	33.95	33.95	35.09	30.41	29.56	29.63	29.05
18	25.99	27.43	30.10	30.70	30.94	33.83	33.97	34.78	30.38	29.56	29.61	29.04
19	26.00	27.47	30.55	30.89	31.17	33.73	34.00	34.51	30.32	29.56	29.61	29.06
20	26.00	27.56	30.80	31.02	31.64	33.66	34.02	34.21	30.26	29.56	29.62	29.06
21	26.01	27.56	31.03	31.22	32.24	33.62	33.99	33.68	30.26	29.59	29.57	29.05
22	26.03	27.55	31.17	31.43	32.62	33.47	33.91	33.20	30.23	29.61	29.57	29.02
23	26.14	27.59	31.12	31.71	32.53	33.35	33.89	32.63	30.21	29.58	29.59	29.01
24	26.17	27.63	31.07	31.95	32.29	33.10	33.73	32.23	30.19	29.56	29.56	29.01
25	26.15	27.64	30.98	32.08	31.81	32.86	33.65	31.73	30.17	29.54	29.51	29.01
26	26.07	27.61	30.98	32.10	30.97	32.50	33.60	31.71	30.11	29.54	29.47	29.00
27	25.51	27.67	31.01	32.19	31.50	32.25	33.53	31.74	30.06	29.57	29.46	28.97
28	25.74	27.74	31.13	32.15	32.13	32.20	33.42	31.45	30.02	29.63	29.44	28.98
29	25.95	27.73	31.17	32.11	32.26	32.01	33.26	31.44	30.03	29.64	29.43	29.04
30	26.01	27.69	31.09	32.09	---	31.90	33.16	31.44	30.03	29.74	29.42	29.01
31	26.08	---	31.10	32.07	---	32.16	---	31.36	---	29.83	29.41	---
MEAN	25.74	27.27	29.38	30.94	31.31	33.29	33.49	33.30	30.57	29.69	29.67	29.13
MAX	26.17	27.74	31.17	32.19	32.62	34.02	34.02	35.20	31.32	29.98	29.97	29.35
MIN	25.31	26.16	27.70	29.38	30.02	31.90	32.42	31.36	30.02	29.54	29.41	28.97

CAL YR 1983	MEAN	25.53	MAX	31.17	MIN	22.07
WTR YR 1984	MEAN	30.31	MAX	35.20	MIN	25.31

HYDROGRAPH



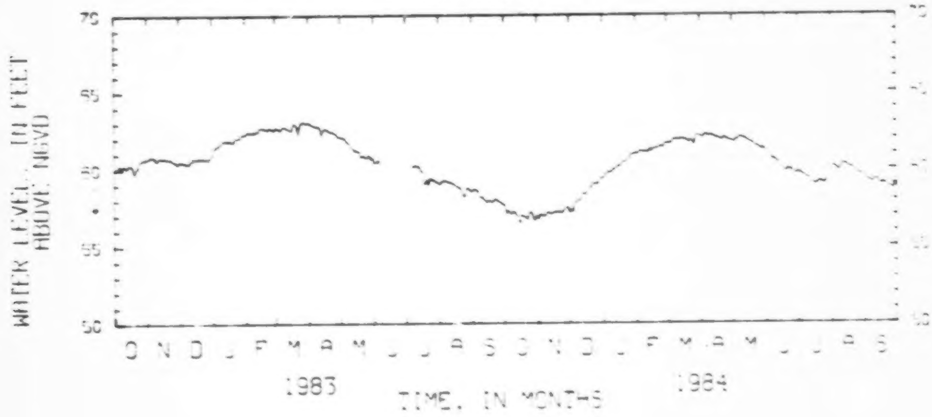
332425079535000. Local number, BRK-70, Cooper River Rediversion No. 11.
LOCATION.--Lat 33°24'25", long 79°53'50", Hydrologic unit 03050112, 1.3 mi east of St. Stephens on State Hwy. 45, left on dirt road under power lines, and 1,000 ft north of highway.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 35 ft, screened interval 20-35 ft.
DATUM.--Measuring point: Top of casing, 79.97 ft National Geodetic Vertical Datum of 1929, 2.79 ft above land-surface.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 63.08 ft NGVD, Mar. 27, 1983; lowest, 56.31 ft NGVD, Oct. 23, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57.66	56.30	57.17	59.39	61.02	61.65	62.08	61.76	61.19	59.75	59.97	59.43
2	57.45	56.32	57.35	59.55	60.95	61.65	62.06	61.75	61.14	59.74	60.12	59.37
3	57.38	57.02	57.30	59.61	61.02	61.65	62.05	61.77	61.07	59.73	60.13	59.35
4	57.33	57.06	57.24	59.69	61.11	61.68	62.08	61.90	61.00	59.68	60.14	59.29
5	57.27	57.02	57.60	59.74	61.15	61.70	62.22	61.91	60.90	59.63	60.12	59.25
6	57.14	56.97	57.80	59.80	61.13	61.81	62.23	61.92	60.31	59.59	60.05	59.24
7	57.06	56.98	57.86	59.80	61.11	61.88	62.19	62.03	60.56	59.54	59.95	59.16
8	57.16	56.98	57.92	59.79	61.10	61.89	62.15	62.06	60.66	59.50	59.88	59.13
9	57.22	57.08	57.96	59.81	61.11	61.91	62.12	62.06	60.64	59.43	59.94	59.12
10	57.21	57.19	58.00	59.93	61.09	61.92	62.17	62.01	60.59	59.43	60.14	59.20
11	57.16	57.19	58.05	59.97	61.11	61.91	62.19	61.98	60.52	59.34	60.26	59.30
12	56.99	57.14	58.26	59.99	61.10	61.86	62.15	61.97	60.47	59.27	60.29	59.31
13	57.00	57.10	58.36	60.04	61.13	61.91	62.12	61.94	60.35	59.20	60.29	59.27
14	56.88	57.10	58.40	60.11	61.29	61.94	62.08	61.88	60.26	59.15	60.32	59.24
15	56.53	57.17	58.37	60.16	61.16	61.93	61.99	61.84	60.18	59.08	60.27	59.10
16	56.57	57.21	58.44	60.18	61.21	61.92	62.04	61.80	60.08	58.97	60.21	58.97
17	57.01	57.20	58.48	60.22	61.29	61.90	62.02	61.76	60.06	59.04	60.16	58.99
18	56.97	57.19	58.59	60.30	61.29	61.89	61.97	61.71	59.91	59.02	60.08	59.06
19	56.93	57.20	58.72	60.40	61.32	61.87	61.89	61.69	59.88	59.07	60.08	59.01
20	56.88	57.25	58.78	60.45	61.35	61.80	61.90	61.65	59.82	59.14	60.10	59.15
21	56.89	57.22	58.85	60.45	61.37	61.70	61.94	61.59	59.95	59.15	60.01	58.97
22	56.73	57.21	58.98	60.49	61.35	61.81	61.93	61.49	59.99	59.18	59.94	58.90
23	56.83	57.21	59.05	60.51	61.46	61.87	62.02	61.47	59.95	59.16	59.92	58.87
24	57.10	57.17	59.08	60.61	61.45	61.81	62.01	61.47	59.94	59.09	59.87	58.82
25	57.19	57.29	59.05	60.69	61.43	61.74	61.96	61.44	59.91	59.03	59.81	58.80
26	57.22	57.36	59.02	60.70	61.38	61.53	61.93	61.38	59.83	59.11	59.70	58.76
27	57.04	57.41	59.10	60.85	61.49	61.92	61.87	61.32	59.73	59.14	59.67	58.69
28	56.84	57.48	59.20	60.94	61.64	62.10	61.85	61.28	59.69	59.19	59.66	58.71
29	56.64	57.54	59.33	60.96	61.66	62.18	61.84	61.33	59.70	59.31	59.65	58.85
30	56.87	57.47	59.41	60.97	---	62.14	61.82	61.33	59.78	59.68	59.58	58.89
31	56.99	---	59.43	60.99	---	62.13	---	61.27	---	59.88	59.53	---
MEAN	57.03	57.17	58.42	60.23	61.25	61.86	62.03	61.70	60.29	59.33	60.00	59.07
MAX	57.66	57.54	59.43	60.99	61.66	62.18	62.23	62.06	61.19	59.88	60.32	59.43
MIN	56.53	56.30	57.17	59.39	60.95	61.53	61.82	61.27	59.69	58.97	59.53	58.69

WTR YR 1984 MEAN 59.86 MAX 62.23 MIN 56.53

HYDROGRAPH



BERKELEY COUNTY

332425079535001. Local number, BRK-71, Cooper River Rediversion No. 12.

LOCATION.--Lat 33°24'25", long 79°53'50", Hydrologic Unit 03050112, 1.3 mi east of St. Stephens on State Hwy. 45, left on dirt road under power lines, and 1,000 ft north of highway.
Owner: U.S. Army Corps of Engineers

AQUIFER.--Eocene limestones.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 143 ft, cased to 125 ft, open hole from 125 to 143 ft.

DATUM.--Measuring point: Top of casing, 40.41 ft National Geodetic Vertical Datum of 1929, 3.09 ft above land surface.

REMARKS.--Record estimated Jan. 17 to Mar. 3, June 3 to July 5, 1983.

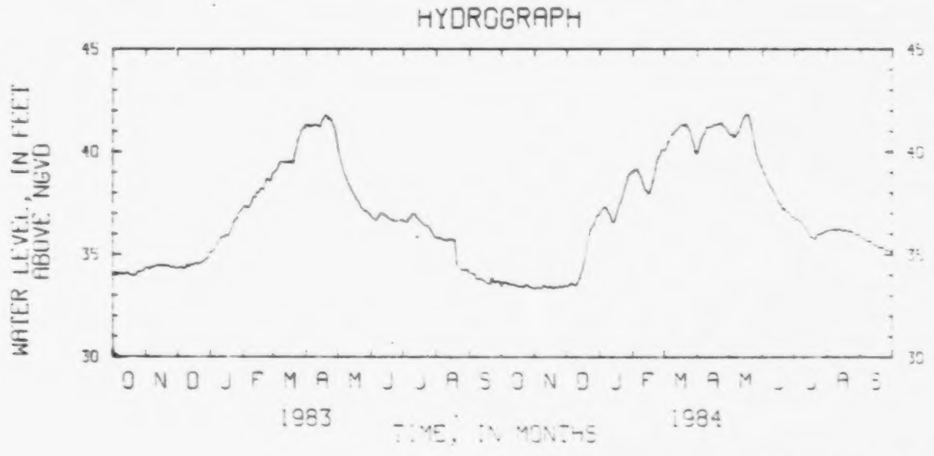
PERIOD OF RECORD.--September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 44.23 ft NGVD, Jan. 24, 1977; lowest, 30.01 ft NGVD, Nov. 14, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.41	33.36	33.46	37.04	39.03	40.05	39.98	40.89	39.16	36.76	36.14	35.39
2	33.62	33.36	33.44	37.12	39.07	40.10	40.10	40.81	39.02	36.73	36.13	35.34
3	33.62	33.40	33.51	37.19	39.12	40.19	40.27	40.82	38.93	36.73	36.19	35.30
4	33.65	33.39	33.55	37.23	39.14	40.31	40.47	40.87	38.79	36.67	36.21	35.78
5	33.63	33.41	33.53	37.31	39.13	40.48	40.66	40.71	38.66	36.66	36.21	35.74
6	33.64	33.39	33.62	37.31	39.01	40.69	40.75	40.73	38.54	36.63	36.20	35.70
7	33.56	33.34	33.55	37.25	38.92	40.79	40.84	40.82	38.45	36.62	36.23	35.64
8	33.55	33.39	33.51	37.16	38.80	40.80	40.94	40.90	38.36	36.53	36.22	35.64
9	33.55	33.43	33.51	37.02	38.70	40.88	41.06	40.94	38.29	36.44	36.20	35.65
10	33.52	33.52	33.52	36.99	38.51	40.95	41.19	41.01	38.21	36.39	36.20	35.63
11	33.54	33.46	33.59	36.83	38.33	41.01	41.20	41.12	38.08	36.30	36.25	35.65
12	33.52	33.42	33.74	36.65	38.17	41.02	41.19	41.29	38.01	36.25	36.22	35.51
13	33.55	33.40	33.80	36.56	38.08	41.08	41.22	41.44	37.93	36.18	36.22	35.43
14	33.47	33.37	34.01	36.58	38.12	41.13	41.24	41.60	37.78	36.08	36.21	35.46
15	33.48	33.44	34.20	36.69	37.95	41.18	41.26	41.70	37.66	35.97	36.16	35.45
16	33.46	33.46	34.33	36.86	37.97	41.25	41.28	41.74	37.52	35.86	36.17	35.46
17	33.43	33.38	34.60	37.04	38.08	41.28	41.32	41.81	37.49	35.84	36.17	35.35
18	33.44	33.36	34.87	37.23	38.25	41.29	41.31	41.81	37.45	35.82	36.18	35.35
19	33.43	33.35	35.20	37.40	38.44	41.30	41.34	41.75	37.34	35.80	36.17	35.35
20	33.44	33.43	35.41	37.49	38.65	41.31	41.33	41.63	37.18	35.74	36.15	35.36
21	33.42	33.39	35.71	37.63	38.89	41.35	41.35	41.38	37.26	35.75	36.11	35.35
22	33.40	33.40	35.96	37.78	39.16	41.25	41.36	41.10	37.20	35.96	36.12	35.34
23	33.49	33.39	36.15	37.94	39.49	41.17	41.42	40.79	37.10	35.98	36.14	35.30
24	33.52	33.46	36.31	38.21	39.65	41.09	41.34	40.54	37.09	35.99	36.11	35.22
25	33.51	33.46	36.37	38.39	39.75	41.02	41.26	40.27	37.06	35.97	36.08	35.24
26	33.47	33.40	36.42	38.50	39.80	40.80	41.22	39.99	37.02	36.03	36.02	35.21
27	33.45	33.42	36.54	38.75	39.96	40.58	41.19	39.80	36.93	36.03	35.98	35.20
28	33.38	33.46	36.73	38.86	40.10	40.49	41.13	39.65	36.86	36.04	35.98	35.15
29	33.40	33.50	36.88	38.92	40.04	40.31	41.05	39.55	36.83	36.09	35.96	35.14
30	33.36	33.45	36.88	38.96	---	40.03	40.96	39.43	36.84	36.13	35.96	35.15
31	33.35	---	36.94	38.99	---	39.89	---	39.29	---	36.15	35.93	---
MEAN	33.49	33.41	34.83	37.54	38.91	40.81	41.04	40.84	37.77	36.20	36.14	35.47
MAX	33.65	33.52	36.94	38.99	40.10	41.35	41.42	41.81	39.16	36.76	36.25	35.39
MIN	33.35	33.34	33.44	36.56	37.95	39.89	39.98	39.29	36.83	35.74	35.93	35.14

CAL YR 1983 MEAN 36.43 MAX 41.78 MIN 33.34
WTR YR 1984 MEAN 37.20 MAX 41.81 MIN 33.34



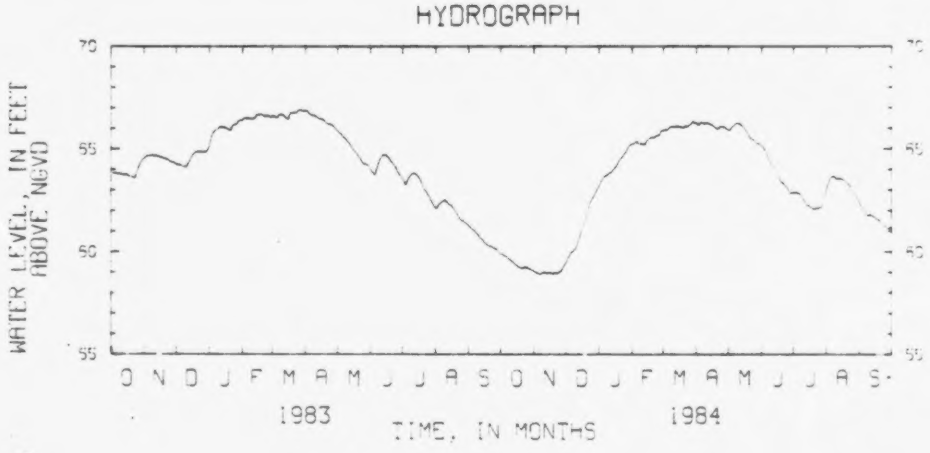
BERKELEY COUNTY

332320079550000. Local number, BRK-74, Cooper River Rediversion No. 9.
LOCATION.--Lat 33°23'20", long 79°55'00", Hydrologic Unit 03050112, in intersection of State Hwys. 40 and 351 south of St. Stephens.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 30 ft, cased to 20 ft, screened interval 20-30 ft.
DATUM.--Measuring point: Top of casing, 30.69 ft National Geodetic Vertical Datum of 1929, 3.27 ft above land surface.
PERIOD OF RECORD.--September 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 66.91 ft NGVD, Mar. 27, 1983; lowest, 58.54 ft NGVD, Nov. 29, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59.90	59.05	59.48	63.22	65.25	65.92	66.24	65.92	65.16	62.86	62.93	62.39
2	59.88	59.00	59.58	63.32	65.26	65.94	66.20	65.90	65.11	62.88	63.14	62.29
3	59.85	58.98	59.70	63.43	65.30	65.93	66.19	65.96	65.05	62.87	63.33	62.19
4	59.84	58.98	59.80	63.51	65.33	65.93	66.21	66.05	64.95	62.87	63.46	62.11
5	59.81	58.93	59.86	63.60	65.33	65.95	66.29	66.10	64.83	62.85	63.56	62.07
6	59.78	58.91	59.97	63.67	65.32	66.01	66.29	66.13	64.74	62.83	63.62	61.98
7	59.74	58.90	60.01	63.70	65.28	66.07	66.27	66.20	64.66	62.80	63.66	61.87
8	59.68	58.92	60.06	63.72	65.26	66.09	66.24	66.24	64.50	62.75	63.65	61.79
9	59.63	58.96	60.11	63.75	65.25	66.09	66.22	66.26	64.42	62.68	63.61	61.73
10	59.59	59.01	60.17	63.82	65.24	66.09	66.27	66.26	64.30	62.60	63.55	61.77
11	59.56	59.00	60.25	63.86	65.23	66.09	66.28	66.24	64.21	62.52	63.55	61.80
12	59.52	58.97	60.45	63.86	65.22	66.06	66.26	66.21	64.13	62.43	63.55	61.77
13	59.48	58.96	60.59	63.91	65.24	66.10	66.23	66.16	64.05	62.32	63.54	61.74
14	59.42	58.95	60.77	63.98	65.38	66.10	66.21	66.12	63.99	62.25	63.56	61.71
15	59.38	58.97	60.93	64.04	65.43	66.09	66.19	66.06	63.88	62.25	63.54	61.67
16	59.34	58.98	61.07	64.11	65.49	66.10	66.16	66.02	63.76	62.21	63.51	61.64
17	59.29	58.96	61.20	64.16	65.53	66.08	66.12	65.92	63.65	62.17	63.49	61.58
18	59.25	58.94	61.35	64.24	65.56	66.05	66.07	65.82	63.53	62.13	63.44	61.55
19	59.22	58.93	61.55	64.37	65.56	66.04	66.01	65.74	63.44	62.09	63.40	61.53
20	59.21	58.96	61.70	64.45	65.58	66.03	66.00	65.64	63.35	62.06	63.36	61.51
21	59.20	58.96	61.89	64.54	65.58	66.11	65.99	65.56	63.36	62.07	63.29	61.45
22	59.19	58.95	62.09	64.58	65.56	66.11	65.98	65.49	63.30	62.10	63.24	61.38
23	59.24	58.95	62.25	64.64	65.65	66.10	66.08	65.45	63.24	62.10	63.19	61.32
24	59.26	58.97	62.41	64.73	65.67	66.10	66.11	65.45	63.19	62.10	63.11	61.28
25	59.24	59.04	62.51	64.80	65.68	66.16	66.10	65.43	63.14	62.09	62.98	61.23
26	59.22	59.05	62.61	64.84	65.67	66.20	66.08	65.38	63.05	62.14	62.88	61.19
27	59.19	59.10	62.69	64.98	65.77	66.21	66.06	65.32	62.94	62.16	62.79	61.13
28	59.16	59.20	62.79	65.08	65.89	66.31	66.03	65.27	62.85	62.21	62.71	61.11
29	59.14	59.30	62.91	65.15	65.91	66.33	65.99	65.25	62.84	62.29	62.64	61.16
30	59.11	59.37	63.00	65.20	---	66.29	65.96	65.24	62.88	62.53	62.59	61.13
31	59.09	---	63.12	65.23	---	66.27	---	65.21	---	62.74	62.52	---
MEAN	59.43	59.00	61.19	64.21	65.46	66.10	66.14	65.81	63.88	62.42	63.27	61.63
MAX	59.90	59.37	63.12	65.23	65.91	66.33	66.29	66.26	65.16	62.88	63.66	62.39
MIN	59.09	58.90	59.48	63.22	65.22	65.92	65.96	65.21	62.84	62.06	62.52	61.11

CAL YR 1983 MEAN 63.34 MAX 66.91 MIN 58.90
WTR YR 1984 MEAN 63.21 MAX 66.33 MIN 58.90



BERKELEY COUNTY

332320079550001. Local number, BRK-75, Cooper River Rediversion No. 10.

LOCATION.--Lat 33°23'20", long 79°55'00", Hydrologic Unit 03050112, in intersection of State Hwys. 40 and 351 south of St. Stephens.
Owner: U.S. Army Corps of Engineers.

AQUIFER.--Eocene limestones.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 140 ft, cased to 120 ft, open hole from 120 to 140 ft.

DATUM.--Measuring point: Top of casing, 80.76 ft National Geodetic Vertical Datum of 1929, 3.43 ft above land surface.

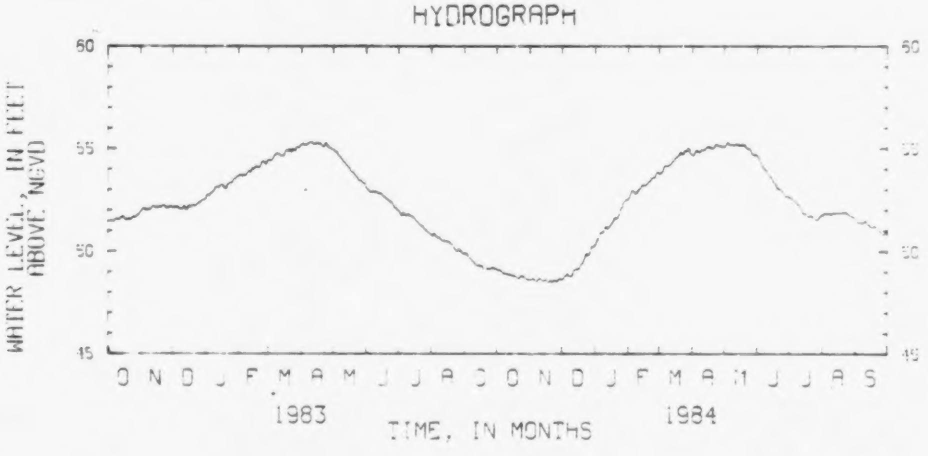
PERIOD OF RECORD.--September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 56.42 ft NGVD, Jan. 28, 1977; lowest, 47.13 ft NGVD, Dec. 22, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.10	48.61	48.63	50.30	52.56	53.76	54.70	55.08	54.62	52.62	51.75	51.57
2	49.09	48.62	48.65	50.41	52.61	53.79	54.68	55.14	54.59	52.61	51.79	51.50
3	49.09	48.65	48.74	50.52	52.77	53.83	54.73	55.21	54.51	52.58	51.34	51.44
4	49.07	48.68	48.33	50.65	52.93	53.87	54.85	55.31	54.39	52.54	51.35	51.40
5	49.05	48.64	48.80	50.77	52.96	54.00	54.92	55.23	54.26	52.50	51.34	51.38
6	48.99	48.58	48.91	50.89	52.91	54.16	54.88	55.19	54.16	52.45	51.83	51.41
7	48.93	48.54	48.83	50.93	52.84	54.17	54.85	55.19	54.06	52.42	51.83	51.38
8	48.93	48.56	48.80	50.92	52.83	54.17	54.84	55.20	54.00	52.35	51.82	51.37
9	48.92	48.63	48.77	50.97	52.87	54.16	54.90	55.18	53.95	52.29	51.79	51.41
10	48.38	48.68	48.79	51.16	52.93	54.18	54.95	55.19	53.88	52.25	51.81	51.47
11	48.90	48.67	48.88	51.20	53.00	54.23	54.93	55.19	53.81	52.20	51.86	51.46
12	48.39	48.61	49.07	51.11	53.05	54.23	54.94	55.21	53.72	52.11	51.36	51.38
13	48.37	48.58	49.10	51.14	53.12	54.34	54.98	55.21	53.65	51.96	51.35	51.32
14	48.33	48.53	49.14	51.20	53.25	54.38	55.04	55.21	53.61	51.84	51.37	51.29
15	48.82	48.60	49.15	51.25	53.21	54.42	55.08	55.17	53.51	51.84	51.36	51.22
16	48.32	48.61	49.13	51.33	53.20	54.53	55.11	55.19	53.42	51.82	51.85	51.18
17	48.81	48.53	49.17	51.38	53.23	54.57	55.09	55.19	53.34	51.77	51.87	51.19
18	48.79	48.48	49.26	51.50	53.26	54.60	55.04	55.19	53.29	51.72	51.86	51.20
19	48.76	48.49	49.39	51.61	53.30	54.65	55.02	55.21	53.16	51.69	51.36	51.22
20	48.70	48.58	49.41	51.60	53.38	54.69	55.04	55.19	53.04	51.68	51.89	51.21
21	48.68	48.56	49.50	51.63	53.41	54.83	55.06	55.11	53.06	51.71	51.85	51.17
22	48.67	48.52	49.67	51.64	53.44	54.76	55.09	55.03	53.03	51.71	51.87	51.08
23	48.77	48.55	49.76	51.74	53.59	54.74	55.22	55.01	52.97	51.68	51.90	51.02
24	48.81	48.60	49.88	51.92	53.58	54.77	55.19	55.02	52.95	51.61	51.85	50.99
25	48.78	48.60	49.83	52.06	53.61	54.90	55.16	54.97	52.89	51.55	51.81	50.95
26	48.78	48.51	49.86	52.13	53.59	54.90	55.14	54.90	52.81	51.53	51.77	50.90
27	48.73	48.56	49.93	52.33	53.74	54.89	55.13	54.78	52.73	51.53	51.74	50.81
28	48.65	48.65	50.10	52.41	53.87	55.02	55.13	54.71	52.67	51.56	51.70	50.84
29	48.66	48.66	50.25	52.46	53.81	54.96	55.09	54.72	52.66	51.61	51.71	50.90
30	48.62	48.63	50.22	52.50	---	54.78	55.10	54.71	52.70	51.71	51.68	50.88
31	48.62	---	50.24	52.53	---	54.72	---	54.68	---	51.74	51.63	---
MEAN	48.84	48.59	49.31	51.43	53.20	54.45	55.00	55.08	53.51	51.97	51.82	51.22
MAX	49.10	48.68	50.25	52.53	53.87	55.02	55.22	55.31	54.62	52.62	51.90	51.57
MIN	48.62	48.48	48.63	50.30	52.56	53.76	54.68	54.68	52.66	51.53	51.63	50.81

CAL YR 1983 MEAN 51.80 MAX 55.32 MIN 48.48
WTR YR 1984 MEAN 52.03 MAX 55.31 MIN 48.48



BERKELEY COUNTY

332350079511001. Local number, BRK-78, Cooper River Rediversion No. 18.

LOCATION.--Lat 33°23'50", long 79°51'10", Hydrologic Unit 03050112, 4.0 mi east of St. Stephens on State Road 45 near intersection with State Road 310, and 1,000 ft from Santee River bank.
Owner: U.S. Army Corps of Engineers.

AQUIFER.--Eocene limestones.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 86 ft, cased to 56 ft, open hole from 56 to 86 ft.

DATUM.--Measuring point: Top of casing, 33.73 ft National Geodetic Vertical Datum of 1929, 2.86 ft above land surface.

PERIOD OF RECORD.--September 1975 to current year.

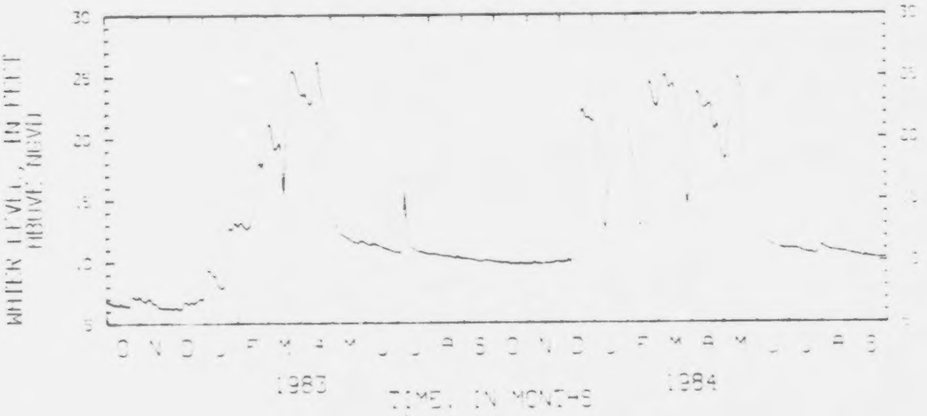
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 27.84 ft NGVD, Apr. 4, 1980; lowest, 6.13 ft NGVD, Dec. 10, 1982.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.93	9.77	9.85	21.34	---	22.62	20.64	18.47	12.52	10.97	11.26	10.49
2	9.92	9.77	9.91	20.93	21.34	23.38	21.20	18.33	12.43	11.00	11.20	10.48
3	9.91	9.78	9.92	20.22	20.71	24.02	21.56	18.23	12.39	11.00	11.15	10.47
4	9.89	9.80	9.92	19.52	19.87	24.28	22.01	18.42	12.27	10.97	11.08	10.46
5	9.90	9.80	9.95	18.92	19.16	24.62	22.85	19.26	12.11	11.01	11.04	10.45
6	9.90	9.96	9.96	18.50	18.70	24.89	23.40	20.44	11.99	11.00	10.99	10.42
7	9.87	9.87	9.95	17.53	18.06	25.04	23.65	21.16	11.90	10.99	10.92	10.36
8	9.88	9.81	10.18	15.63	16.28	25.10	23.70	21.57	11.83	10.98	10.88	10.30
9	9.88	9.79	10.02	14.13	14.73	24.92	23.51	21.86	11.74	10.97	10.88	10.33
10	9.88	9.82	9.98	13.37	13.82	24.54	23.18	22.27	11.63	10.94	10.84	10.39
11	9.88	9.77	10.03	12.93	13.33	24.18	22.76	23.13	11.56	10.90	10.87	10.41
12	9.88	9.77	10.66	12.67	13.05	24.00	22.53	24.04	11.49	10.86	10.84	10.36
13	9.87	9.83	13.95	13.32	12.88	24.12	22.43	24.47	11.43	10.82	10.83	10.33
14	9.84	9.79	16.08	16.94	12.97	24.26	22.39	24.76	11.38	10.78	10.82	10.31
15	9.74	9.82	16.99	19.14	13.59	24.33	22.43	24.91	11.33	10.76	10.79	10.28
16	9.78	9.84	17.53	20.05	17.06	24.28	22.52	24.79	11.29	10.73	10.77	10.28
17	9.82	9.84	18.04	20.51	19.28	23.96	22.61	24.32	11.25	10.69	10.75	10.26
18	9.82	9.85	19.26	20.87	20.48	23.52	22.71	23.22	11.19	10.67	10.74	10.26
19	9.81	9.82	20.65	21.16	21.16	23.10	22.78	21.37	11.12	10.67	10.73	10.27
20	9.79	9.84	21.56	21.43	21.93	22.74	22.66	19.29	11.12	10.65	10.74	10.26
21	9.76	9.82	22.18	21.76	23.62	22.53	22.14	17.29	11.08	10.63	10.71	10.24
22	9.75	9.86	22.38	---	24.30	22.23	21.34	15.52	11.06	10.65	10.72	10.21
23	9.83	9.88	22.15	---	24.59	21.41	20.73	14.32	11.07	10.68	10.73	[illegible]
24	9.85	9.86	21.87	---	24.28	19.34	20.62	13.75	11.06	10.60	10.69	10.21
25	9.80	9.88	21.63	---	23.70	17.31	21.05	13.47	11.03	10.48	10.63	10.21
26	9.79	9.98	21.60	---	23.10	15.96	21.11	13.28	10.98	10.57	10.60	10.20
27	9.79	9.95	21.62	---	22.77	15.34	20.55	13.06	10.98	10.59	10.57	10.18
28	9.79	9.98	21.64	---	22.60	14.36	19.77	12.88	11.01	10.69	10.55	10.19
29	9.79	9.95	21.55	---	22.51	14.60	19.13	12.76	11.02	10.78	10.55	10.26
30	9.77	9.90	21.42	---	---	16.85	18.72	12.66	10.99	11.05	10.54	10.24
31	9.77	---	21.43	---	---	19.48	---	12.58	---	11.23	10.52	---
MEAN	9.83	9.85	16.26	---	---	21.99	21.89	18.90	11.47	10.82	10.80	10.31
MAX	9.93	9.98	22.38	---	---	25.10	23.70	24.91	12.52	11.23	11.26	10.49
MIN	9.74	9.77	9.91	---	---	14.60	18.72	12.58	10.98	10.48	10.52	10.18

CAL YR 1983 MEAN 13.34 MAX 26.25 MIN 7.20

HYDROGRAPH



330218080080700. Local number, BRK-91.

LOCATION.--Lat 33°02'18", long 80°08'07", Hydrologic Unit 03050201, 0.6 mi northeast of U.S. I-26 on U.S. Hwy. 17A and 0.1 mi south of front entrance of Berkeley-Sangaree Public Service District.

Owner: Berkeley-Sangaree Public Service District.

AQUIFER.--Paleocene-Eocene limestone and sand (revised).

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 434 ft, cased to 75 ft, open hole from 75 to 434 ft (revised).

DATUM.--Land-surface datum is 69 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--Electric logged in 1978 to 434 ft. Caliper and gamma logs on file.

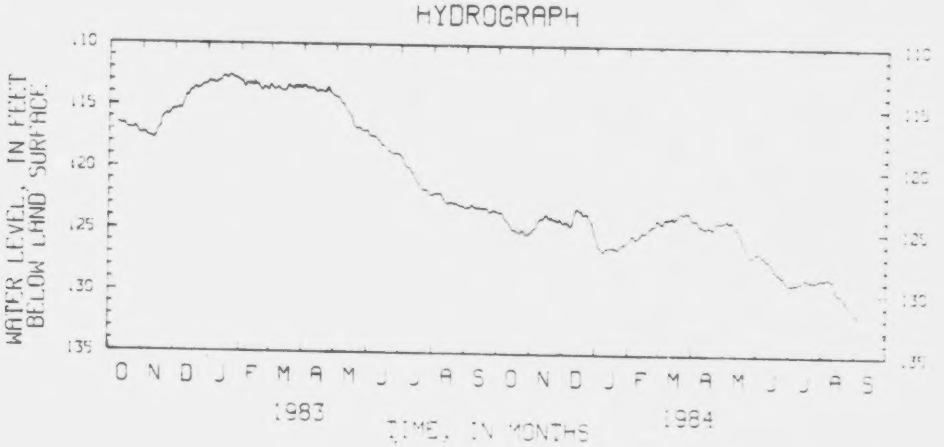
PERIOD OF RECORD.--June 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 85.47 ft below land-surface datum, June 16, 1978; lowest, 133.39 ft below land-surface datum, Sept. 27, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123.51	125.10	124.32	125.43	125.34	124.22	123.96	124.12	126.64	129.16	128.70	131.43
2	123.51	125.02	124.34	125.71	125.81	124.27	124.05	124.11	126.59	129.15	128.73	131.59
3	123.50	124.90	124.25	126.03	125.57	124.33	124.06	124.01	126.60	129.19	128.68	131.61
4	123.50	124.75	124.22	126.24	125.34	124.32	123.95	123.98	126.67	129.18	128.71	131.63
5	123.54	124.73	124.34	126.32	125.28	124.19	124.01	124.17	126.82	129.14	128.69	131.83
6	123.68	124.62	124.28	126.36	125.32	123.94	124.19	124.19	126.90	129.12	128.63	131.93
7	123.90	124.39	124.51	126.50	125.49	123.97	124.37	124.12	126.95	129.09	128.59	---
8	124.05	124.21	124.55	126.64	125.60	123.99	124.53	124.08	127.04	129.11	128.61	---
9	124.15	124.08	124.53	126.61	125.53	123.93	124.51	124.21	127.13	129.12	128.74	---
10	124.21	123.96	124.35	126.38	125.47	123.92	124.48	124.42	127.20	129.06	128.77	---
11	124.28	123.98	124.00	126.32	125.37	123.89	124.57	124.57	127.22	128.98	128.74	---
12	124.43	124.01	123.53	126.42	125.29	123.94	124.66	124.67	127.30	128.97	128.94	---
13	124.58	123.92	123.34	126.33	125.17	123.78	124.64	124.72	127.41	128.98	129.33	---
14	124.79	123.82	123.16	126.30	125.00	123.92	124.66	124.75	127.54	128.99	129.62	---
15	124.88	123.64	123.18	126.30	125.11	124.02	124.59	124.96	127.68	128.88	129.73	---
16	124.89	123.64	123.28	126.24	125.10	123.89	124.52	125.18	127.86	128.75	129.87	---
17	124.91	123.79	123.34	126.35	125.08	123.85	124.57	125.42	127.99	128.69	129.92	---
18	124.92	123.94	123.30	126.29	125.03	123.77	124.63	125.58	128.04	128.70	129.96	---
19	125.01	123.97	123.44	126.26	124.95	123.62	124.68	125.72	128.15	128.76	129.99	---
20	125.06	123.85	123.64	126.38	124.78	123.48	124.75	125.90	128.26	128.84	130.06	---
21	125.11	123.96	123.68	126.37	124.71	123.38	124.68	126.14	128.31	128.88	130.18	---
22	125.11	124.04	123.55	126.47	124.71	123.47	124.54	126.42	128.37	128.85	130.32	---
23	124.94	124.02	123.60	126.36	124.51	123.54	124.24	126.56	128.46	128.86	130.41	---
24	124.92	124.03	123.57	126.20	124.54	123.59	124.18	126.65	128.50	128.89	130.58	---
25	124.98	124.10	123.79	126.13	124.50	123.41	124.19	126.75	128.53	128.90	130.74	---
26	125.03	124.21	123.94	126.17	124.52	123.44	124.15	126.87	128.65	128.92	130.84	---
27	125.15	124.12	124.14	125.97	124.18	123.51	124.19	126.95	128.81	128.86	130.86	133.39
28	125.30	124.00	124.19	126.02	124.01	123.33	124.20	126.93	128.94	128.81	130.96	133.36
29	125.24	124.09	124.43	125.97	124.14	123.45	124.21	126.81	129.00	128.78	131.09	133.25
30	125.22	124.25	124.91	125.82	---	123.78	124.14	126.72	129.09	128.72	131.19	133.29
31	125.13	---	125.21	125.83	---	123.92	---	126.68	---	128.67	131.28	---
MEAN	124.56	124.17	123.96	126.22	125.03	123.81	124.37	125.37	127.75	128.94	129.72	---
MAX	125.30	125.10	125.21	126.64	125.84	124.33	124.75	126.95	129.09	129.19	131.28	---
MIN	123.50	123.64	123.16	125.43	124.01	123.33	123.95	123.98	126.59	128.67	128.59	---

CAL YR 1983 MEAN 118.94 MAX 125.30 MIN 112.56



CALHOUN COUNTY

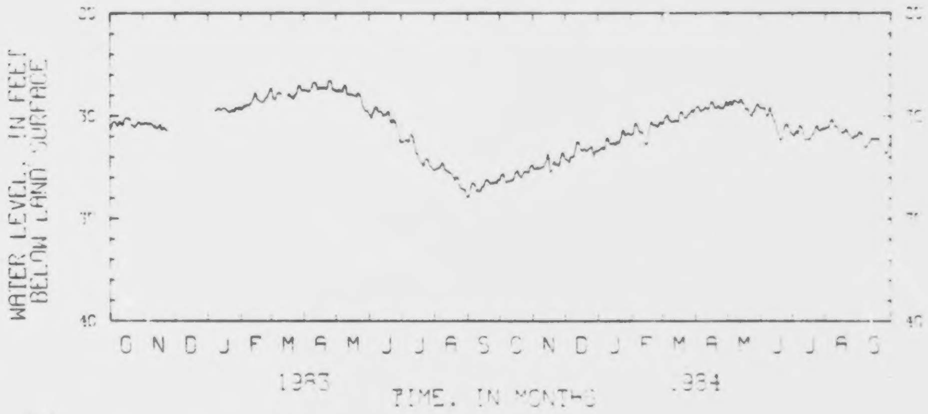
333323080430400. Local number, CA-2.
LOCATION.--Lat 33°33'23", long 80°43'04", Hydrologic Unit 03050206, behind the water tower in the red brick building on North Main Street between First and Cemetery Streets in Cameron.
Owner: Town of Cameron.
AQUIFER.--Black Mingo Formation.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 10 in, depth 285 ft, casing and screened intervals unknown.
DATUM.--Land-surface datum is 168 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.03 ft above land-surface datum.
REMARKS.--Caliper logged May 15, 1981 to 267 ft. Gamma logged to 265 ft. Local number (CAL-2) revised.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 28.28 ft below land-surface datum, Apr. 25, 1983; lowest, 33.97 ft below land-surface datum, Sept. 1, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.13	32.41	32.08	31.69	30.92	30.41	29.64	29.48	29.61	30.90	30.60	30.81
2	32.93	32.57	32.12	31.65	30.92	30.38	29.59	29.52	29.63	30.98	30.60	30.77
3	32.85	32.60	32.13	31.61	30.84	30.13	29.55	29.36	29.64	30.90	30.54	30.89
4	32.81	32.57	32.23	31.59	30.50	30.10	29.56	29.30	29.64	30.80	30.57	30.82
5	32.91	32.51	32.29	31.51	30.35	29.97	29.66	29.48	29.61	30.74	30.34	31.05
6	33.08	32.59	32.00	31.63	30.42	29.98	29.82	29.45	29.84	30.88	30.22	31.44
7	33.26	32.54	32.01	31.59	30.52	30.20	29.74	29.26	30.03	30.54	30.16	31.55
8	33.19	32.55	31.97	31.26	30.67	30.20	29.72	29.24	30.00	30.46	30.29	31.55
9	33.18	32.52	32.02	31.08	30.82	30.30	29.71	29.30	29.77	30.56	30.51	31.44
10	33.17	32.47	31.76	31.09	30.79	30.29	29.60	29.32	29.56	30.59	30.49	31.31
11	33.16	32.49	31.58	31.29	30.78	30.26	29.62	29.37	29.86	30.81	30.50	31.32
12	33.12	32.34	31.28	31.37	30.92	30.31	29.66	29.38	29.95	31.03	30.57	31.23
13	33.15	32.29	31.27	31.34	31.33	30.22	29.66	29.25	30.20	31.17	30.63	31.07
14	33.07	32.13	31.36	31.36	31.34	30.24	29.64	29.20	30.24	31.14	30.69	31.12
15	32.85	31.85	31.58	31.35	31.42	30.26	29.45	29.35	30.40	31.15	30.74	31.14
16	32.75	32.09	31.65	31.31	31.37	30.31	29.31	29.39	30.61	31.16	30.81	31.14
17	32.70	32.74	31.72	31.42	30.94	29.96	29.34	29.46	30.81	31.17	30.87	31.10
18	32.66	32.74	31.64	31.35	30.53	29.84	29.45	29.71	30.93	31.04	30.77	31.14
19	32.86	32.44	31.61	31.24	30.37	29.79	29.62	29.66	31.15	30.95	30.77	31.10
20	32.93	32.33	31.63	31.32	30.29	29.88	29.58	29.63	31.20	30.90	30.63	31.12
21	33.02	32.20	31.72	31.30	30.44	30.08	29.64	29.78	31.05	30.85	30.71	31.23
22	32.93	32.37	31.69	31.11	30.44	30.09	29.55	29.95	30.89	30.72	30.79	31.42
23	32.81	32.37	31.61	30.96	30.49	30.10	29.51	29.97	30.63	30.52	30.91	31.55
24	32.72	32.35	31.58	30.69	30.42	30.11	29.65	30.04	30.46	30.46	30.94	31.60
25	32.71	32.46	31.52	30.75	30.55	29.94	29.60	29.81	30.42	30.67	31.06	31.69
26	32.71	32.33	31.49	30.98	30.57	29.92	29.65	29.82	30.43	30.71	31.07	31.83
27	32.73	32.07	31.74	30.92	30.41	29.89	29.67	29.63	30.56	30.72	31.13	31.83
28	32.78	31.82	32.00	30.89	30.30	29.76	29.58	29.54	30.69	30.66	30.97	31.69
29	32.57	31.80	31.71	30.83	30.39	29.74	29.50	29.42	30.78	30.60	31.01	31.41
30	32.45	31.94	31.74	30.88	---	29.86	29.29	29.45	30.82	30.67	30.96	31.35
31	32.40	---	31.70	30.92	---	29.73	---	29.58	---	30.61	30.97	---
MEAN	32.89	32.35	31.76	31.23	30.69	30.07	29.59	29.52	30.31	30.81	30.70	31.29
MAX	33.26	32.74	32.29	31.69	31.42	30.41	29.82	30.04	31.20	31.17	31.13	31.83
MIN	32.40	31.80	31.27	30.69	30.29	29.73	29.29	29.20	29.56	30.46	30.16	30.77

WTR YR 1984 MEAN 30.94 MAX 33.26 MIN 29.20

HYDROGRAPH



CHARLESTON COUNTY

324741080041400. Local number, CHN-44.

LOCATION.--Lat 32°47'41", long 80°04'14", Hydrologic Unit 03050202, USDA Experimental Station, 300 ft northeast of U.S. Hwy. 17 at elevated water tank.

Owner: U.S. Department of Agriculture.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 3 in, depth 434 ft. Open hole.

DATUM.--Land-surface datum is 9.4 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.

REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.

PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.

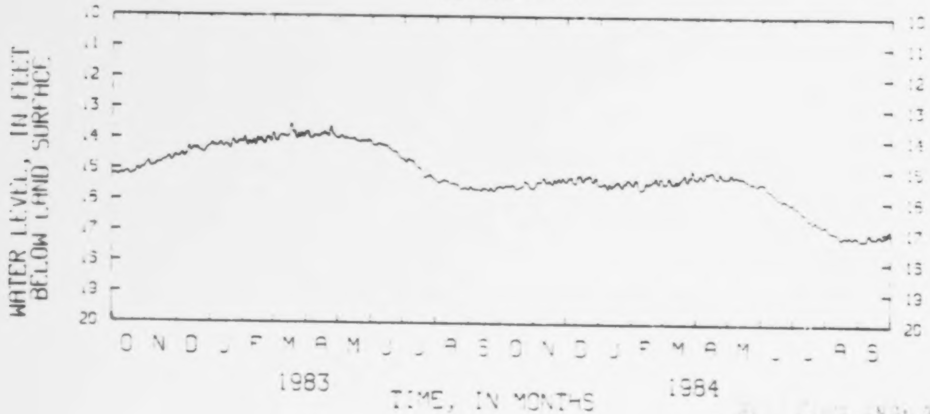
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 17.23 ft below land-surface datum, Sept. 2, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.54	15.56	15.36	15.47	15.45	15.45	15.24	15.23	15.40	16.09	16.80	17.20
2	15.56	15.53	15.35	15.46	15.47	15.43	15.27	15.21	15.40	16.13	16.87	17.23
3	15.57	15.46	15.26	15.46	15.37	15.42	15.24	15.12	15.40	16.17	16.91	17.22
4	15.54	15.38	15.23	15.45	15.28	15.43	15.13	15.08	15.43	16.17	16.94	17.22
5	15.50	15.36	15.28	15.42	15.31	15.33	15.13	15.19	15.49	16.18	16.97	17.22
6	15.51	15.39	15.20	15.40	15.44	15.21	15.21	15.21	15.54	16.21	16.97	17.21
7	15.53	15.40	15.36	15.47	15.56	15.27	15.24	15.18	15.59	16.24	16.97	17.22
8	15.50	15.35	15.38	15.54	15.62	15.34	15.27	15.17	15.62	16.30	16.97	17.21
9	15.52	15.27	15.42	15.59	15.61	15.42	15.20	15.18	15.64	16.33	17.00	[illegible]
10	15.53	15.22	15.43	15.43	15.62	15.42	15.05	15.20	15.66	16.35	17.01	17.22
11	.15.47	15.29	15.33	15.45	15.60	15.40	15.07	15.22	15.69	16.38	17.02	17.20
12	15.49	15.39	15.16	15.56	15.57	15.43	15.10	15.21	15.73	16.40	17.06	17.09
13	15.49	15.38	15.17	15.50	15.47	.15.31	15.07	15.22	15.75	16.47	17.11	17.13
14	15.59	15.40	15.15	15.48	15.37	15.38	15.04	15.21	15.77	16.54	17.15	17.14
15	15.61	15.33	15.22	15.46	15.44	15.41	15.02	15.23	15.81	16.56	17.18	17.13
16	15.60	15.36	15.33	15.39	15.43	15.33	15.02	15.25	15.87	16.57	17.18	17.15
17	15.58	15.43	15.35	15.41	15.40	13.29	15.08	15.30	15.89	16.59	17.14	17.15
18	15.56	15.45	15.28	15.34	15.41	15.26	15.17	15.31	15.90	16.63	17.12	17.12
19	15.55	15.42	15.21	15.35	15.39	15.22	15.20	15.31	15.93	16.68	17.12	17.07
20	15.54	15.29	15.25	15.44	15.34	15.17	15.23	15.33	15.96	16.69	17.12	17.05
21	15.53	15.34	15.22	15.46	15.33	15.12	15.24	15.37	15.95	16.64	17.16	17.06
22	15.48	15.38	15.15	15.55	15.33	15.27	15.21	15.41	15.93	16.61	17.13	17.12
23	15.34	15.33	15.18	15.52	15.21	15.34	15.05	15.39	15.93	16.67	17.09	17.13
24	15.35	15.25	15.20	15.42	15.36	15.32	15.13	15.39	15.96	16.71	17.13	17.12
25	15.40	15.32	15.34	15.40	15.38	15.18	15.18	15.37	15.98	16.73	17.16	17.09
26	15.40	15.38	15.36	15.43	15.44	15.21	15.22	15.43	16.01	16.74	17.17	17.07
27	15.46	15.30	15.35	15.28	15.23	15.19	15.22	15.46	16.04	16.76	17.14	17.09
28	15.54	15.23	15.24	15.30	15.22	14.96	15.22	15.46	16.07	16.81	17.11	17.01
29	15.57	15.31	15.22	15.33	15.38	15.07	15.24	15.44	16.06	16.80	17.10	16.90
30	15.59	15.37	15.39	15.34	---	15.23	15.22	15.41	16.03	16.77	17.12	16.92
31	15.58	---	15.46	15.42	---	15.26	---	15.40	---	16.75	17.15	---
MEAN	15.52	15.36	15.28	15.44	15.41	15.29	15.16	15.29	15.78	16.51	17.07	17.11
MAX	15.61	15.56	15.46	15.59	15.62	15.45	15.27	15.46	16.07	16.81	17.18	17.23
MIN	15.34	15.22	15.15	15.28	15.21	14.96	15.02	15.08	15.40	16.09	16.80	16.90

CAL YR 1983	MEAN	14.72	MAX	15.68	MIN	13.54
WTR YR 1984	MEAN	15.77	MAX	17.23	MIN	14.96

HYDROGRAPH



330247079340300. Local number, CHN-101.

LOCATION.--Lat 33°02'47", long 79°34'03", Hydrologic Unit 03050202, Buckhall Campground, 300 ft southeast of State Hwy 913 and U.S. Hwy. 17 junction, 200 ft south of U.S. 17.

Owner: U.S. Forest Service.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 91 ft, cased to 82 ft. Open hole from 82 to 91 ft.

DATUM.--Land-surface datum is 22 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft above land-surface datum.

REMARKS.--Water-quality analysis data on file in District office. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

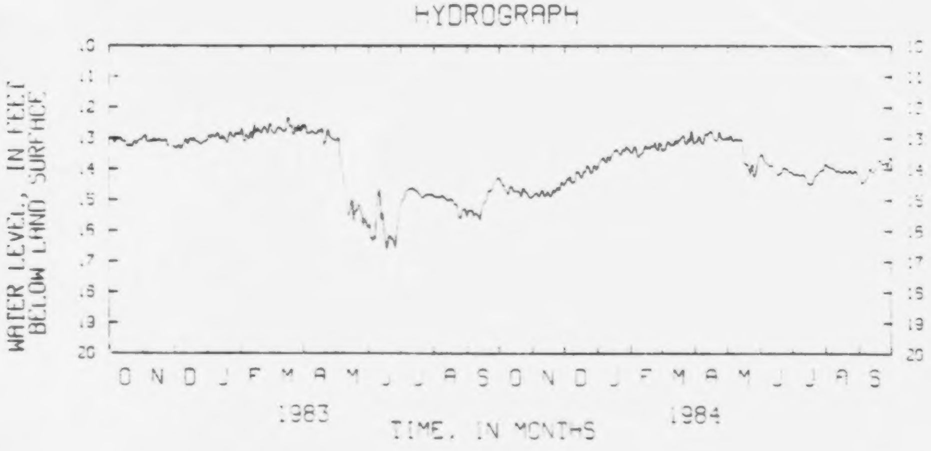
PERIOD OF RECORD.--January 1982 to current year.

EXTREMES OF PERIOD OF RECORD.--Highest mean water level 12.34 ft below land-surface datum, Mar. 18, 1983; lowest, 16.63 ft below land-surface datum, June 18, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.31	14.88	14.47	13.92	13.48	13.47	13.11	13.03	13.52	14.17	13.86	14.31
2	14.37	14.85	14.42	13.81	13.48	13.38	13.11	13.03	13.53	14.16	13.89	14.35
3	14.43	14.80	14.32	13.75	13.35	13.37	13.06	12.93	13.63	14.19	13.92	14.47
4	14.53	14.76	14.29	13.69	13.26	13.33	12.93	12.93	13.74	14.15	13.94	14.43
5	14.50	14.79	14.36	13.65	13.33	13.19	13.00	13.07	13.77	14.16	13.95	14.41
6	14.67	14.85	14.22	13.62	13.47	13.09	13.12	13.08	13.81	14.18	13.96	14.36
7	14.67	14.88	14.44	13.72	13.62	13.16	13.17	13.07	13.81	14.20	13.95	14.33
8	14.74	14.82	14.41	13.76	13.61	13.17	13.18	13.02	13.89	14.20	13.99	14.27
9	14.83	14.72	14.42	13.80	13.52	13.24	13.05	13.04	13.89	14.17	14.02	14.13
10	14.73	14.67	14.42	13.59	13.51	13.22	12.86	13.06	13.88	14.18	14.10	14.00
11	14.57	14.78	14.28	13.64	13.49	13.19	12.87	13.06	13.87	14.18	14.04	13.96
12	14.56	14.89	14.06	13.74	13.45	13.21	12.90	13.04	13.90	14.22	14.05	14.08
13	14.59	14.84	14.10	13.60	13.34	13.06	12.84	13.06	13.99	14.30	14.06	14.11
14	14.70	14.83	14.09	13.54	13.23	13.14	12.79	13.05	14.09	14.40	14.09	14.07
15	14.73	14.73	14.17	13.49	13.33	13.16	12.78	13.28	14.15	14.47	14.11	14.05
16	14.71	14.79	14.28	13.40	13.31	13.07	12.82	13.80	14.17	14.45	14.11	13.99
17	14.71	14.88	14.26	13.42	13.28	13.05	12.92	13.81	14.20	14.51	14.06	13.91
18	14.71	14.88	14.15	13.35	13.33	13.01	13.03	13.87	14.14	14.48	14.05	13.81
19	14.72	14.82	14.06	13.39	13.29	12.97	13.06	13.82	14.12	14.46	14.08	13.73
20	14.77	14.66	14.09	13.49	13.25	12.91	13.08	13.99	14.13	14.38	14.11	13.70
21	14.90	14.74	13.97	13.50	13.26	12.93	13.07	14.00	14.00	14.27	14.13	13.74
22	14.81	14.73	13.87	13.56	13.26	13.13	13.00	14.22	13.95	14.20	14.06	13.84
23	14.61	14.66	13.94	13.48	13.11	13.20	12.80	13.90	13.97	14.18	14.02	13.83
24	14.65	14.57	13.97	13.37	13.33	13.17	12.94	13.84	13.98	14.14	14.09	13.82
25	14.74	14.66	14.13	13.37	13.37	13.02	12.99	14.20	13.99	14.09	14.12	13.79
26	14.73	14.68	14.12	13.43	13.41	13.09	13.03	14.27	14.03	14.05	14.13	13.80
27	14.78	14.53	14.08	13.27	13.16	13.03	13.02	14.15	14.08	14.03	14.06	13.95
28	14.85	14.40	13.89	13.32	13.17	12.75	13.03	13.94	14.10	14.04	14.05	13.80
29	14.91	14.48	13.88	13.35	13.41	12.95	13.03	13.74	14.08	14.02	14.11	13.63
30	14.94	14.52	14.03	13.36	---	13.17	12.98	13.62	14.09	13.90	14.17	13.63
31	14.90	---	14.00	13.46	---	13.16	---	13.57	---	13.82	14.23	---
MEAN	14.69	14.74	14.17	13.54	13.36	13.13	12.99	13.50	13.95	14.20	14.05	14.01
MAX	14.94	14.89	14.47	13.92	13.62	13.47	13.18	14.27	14.20	14.51	14.23	14.47
MIN	14.31	14.40	13.87	13.27	13.11	12.75	12.78	12.93	13.52	13.82	13.86	13.63

CAL YR 1983	MEAN	14.23	MAX	16.63	MIN	12.34
WTR YR 1984	MEAN	13.86	MAX	14.94	MIN	12.75



CHARLESTON COUNTY

323031080185200. Local number, CHN-551.

LOCATION.--Lat 32°30'31", long 80°18'52", Hydrologic Unit 03050205, Edisto State Park, west of highway 174.
 Owner: Town of Edisto Beach

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in, depth 45 ft, casing and screened intervals unknown.

DATUM.--Land-surface datum is 8 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

REMARKS.--1982 Gamma and Neutron logs available in District files.

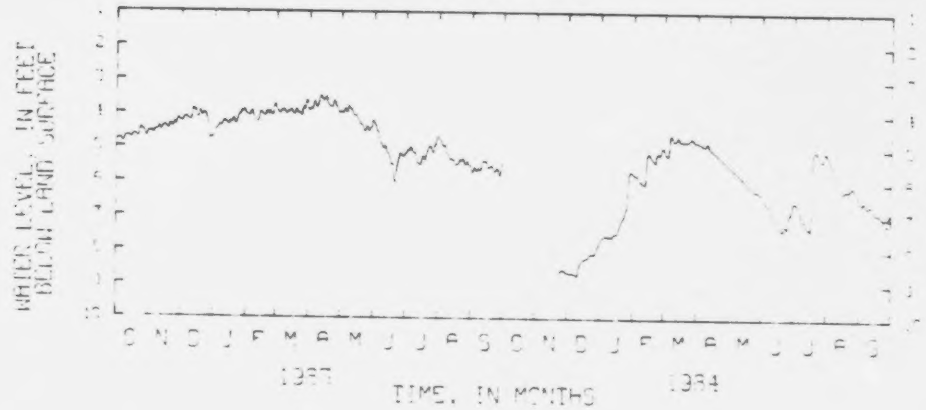
PERIOD OF RECORD.--November 1983 to current year.

EXTREMES OF PERIOD OF RECORD.--Highest mean water level 4.59 ft below land-surface datum, Mar. 7, 1984; lowest, 8.72 ft below land-surface datum, Dec. 10 and 11, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	8.65	7.72	5.72	5.03	4.79	5.47	6.33	6.35	5.09	6.42
2		---	8.65	7.66	5.76	5.08	4.80	5.50	6.38	6.53	5.17	6.51
3		---	8.66	7.62	5.77	5.14	4.82	5.53	6.44	6.54	5.25	6.55
4		---	8.66	7.59	5.78	5.19	4.83	5.56	6.53	6.57	5.32	6.59
5		---	8.67	7.57	5.82	5.22	4.85	5.58	6.56	6.62	5.38	6.50
6		---	8.66	7.56	5.87	5.00	4.87	5.62	6.59	6.68	5.46	6.53
7		---	8.67	7.56	5.92	4.59	4.89	5.64	6.61	6.80	5.56	6.60
8		---	8.68	7.57	5.96	4.60	4.90	5.68	6.64	6.89	5.66	6.65
9		---	8.70	7.59	5.98	4.71	4.90	5.71	6.70	6.98	5.76	6.68
10		---	8.72	7.57	6.01	4.75	4.86	5.73	6.83	7.05	5.84	6.63
11		---	8.72	7.57	6.03	4.76	4.80	5.77	6.85	7.07	5.89	6.60
12		---	8.50	7.60	6.06	4.76	4.88	5.79	6.90	7.10	5.96	6.64
13		---	8.40	7.55	5.94	4.72	4.96	5.82	6.97	7.20	6.03	6.71
14		---	8.34	7.50	5.21	4.64	4.99	5.86	7.01	7.27	6.11	6.77
15		---	8.29	7.50	5.12	4.68	5.01	5.89	7.05	7.29	6.20	6.82
16		---	8.26	7.49	5.14	4.75	5.04	5.92	7.12	7.32	6.23	6.85
17		---	8.25	7.49	5.19	4.77	5.07	5.95	7.18	7.36	6.25	6.86
18		---	8.24	7.43	5.25	4.78	5.09	5.99	7.22	6.99	6.19	6.87
19		---	8.21	7.29	5.29	4.78	5.12	6.02	7.28	5.27	6.18	6.87
20		---	8.21	7.21	5.33	4.78	5.15	6.06	7.36	5.11	6.18	6.89
21		---	8.20	7.13	5.37	4.78	5.18	6.09	7.38	5.03	6.18	6.92
22		---	8.12	7.07	5.40	4.78	5.21	6.12	7.23	5.02	6.18	6.95
23		8.64	8.10	7.03	5.19	4.78	5.24	6.15	7.22	5.05	6.16	6.99
24		8.65	8.09	6.94	5.12	4.78	5.27	6.19	7.25	5.12	6.11	7.03
25		8.58	8.09	6.32	5.13	4.74	5.29	6.21	7.31	5.20	6.08	7.07
26		8.56	8.09	6.74	5.18	4.65	5.32	6.22	7.12	5.27	6.09	7.12
27		8.57	8.09	6.28	5.12	4.70	5.35	6.22	6.92	5.29	6.12	7.20
28		8.57	8.05	5.76	4.97	4.69	5.38	6.22	6.89	5.32	6.19	7.21
29		8.59	7.94	5.68	4.97	4.72	5.41	6.25	6.81	5.30	6.28	6.95
30		8.63	7.86	5.67	---	4.78	5.43	6.27	6.65	5.09	6.32	6.86
31		---	7.80	5.69	---	4.79	---	6.28	---	5.06	6.37	---
MEAN		---	8.34	7.14	5.50	4.80	5.06	5.91	6.91	6.19	5.93	6.79
MAX		---	8.72	7.72	6.06	5.22	5.43	6.28	7.38	7.36	6.37	7.21
MIN		---	7.80	5.67	4.97	4.59	4.79	5.47	6.33	5.02	5.09	6.42

HYDROGRAPH



CLARENDON COUNTY

334153080121600. Local number, CLA-3.

LOCATION.--Lat 33°01'53", long 80°12'16", Hydrologic Unit 03040205, 192 ft north of Dinkins Street, at the water department and near the reservoir in Manning.

Owner: Town of Manning.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 600 ft, casing and screened intervals unknown.

DATUM.--Land-surface datum is 100 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.0 ft above land-surface datum.

REMARKS.--Artesian well that flows at times.

PERIOD OF RECORD.--July 1981 to current year.

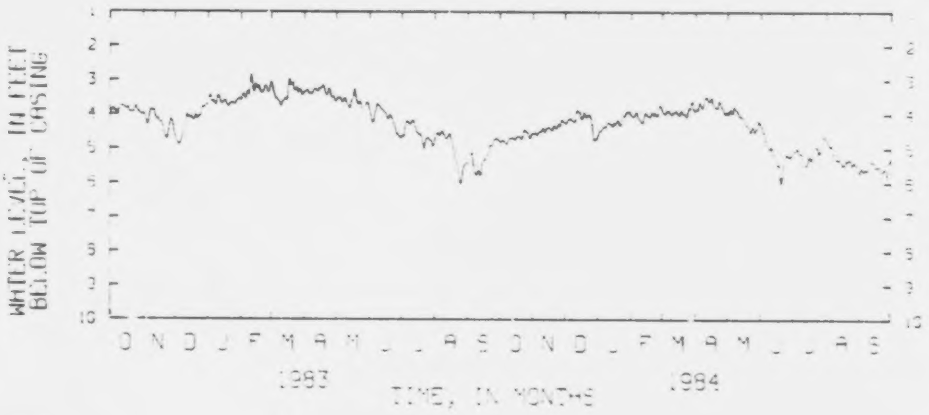
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 1.21 ft below measuring point, July 11, 1982; lowest, 6.04 ft below measuring point, Aug. 25, 1983.

WATER LEVEL, IN FEET BELOW TOP OF CASING, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.80	4.56	4.23	4.61	4.02	3.90	3.88	3.97	4.29	5.14	4.73	5.73
2	4.80	4.56	4.27	4.50	4.05	3.93	3.84	3.98	4.34	5.06	4.77	5.65
3	4.75	4.53	4.21	4.47	4.06	3.99	3.88	3.89	4.50	5.08	4.83	5.55
4	4.77	4.56	4.14	4.46	4.07	3.99	3.76	3.83	4.51	5.03	4.92	5.62
5	4.77	4.61	4.13	4.42	3.97	3.90	3.63	3.95	4.67	4.97	4.93	5.67
6	4.82	4.54	4.10	4.35	3.92	3.93	3.74	3.95	4.85	5.05	4.92	5.61
7	4.87	4.50	4.16	4.36	4.05	3.88	3.82	3.75	4.88	5.12	5.13	5.61
8	4.83	4.49	4.18	4.37	4.12	3.92	3.78	3.84	4.91	5.14	5.15	5.64
9	4.72	4.49	4.20	4.31	4.14	3.99	3.67	3.86	5.01	5.14	5.19	5.62
10	4.69	4.39	4.22	4.24	4.21	4.02	3.53	3.88	4.99	5.27	5.27	5.48
11	4.70	4.45	4.15	4.22	4.25	3.94	3.47	3.97	4.94	5.41	5.35	5.37
12	4.68	4.52	3.87	4.27	4.23	3.95	3.53	4.05	5.08	5.46	5.31	5.39
13	4.68	4.44	3.90	4.27	4.10	3.91	3.60	4.05	5.15	5.47	5.32	5.38
14	4.72	4.41	3.93	4.33	3.95	3.88	3.62	4.04	5.17	5.50	5.35	5.37
15	4.75	4.37	3.93	4.35	3.98	3.96	3.55	4.12	5.26	5.39	5.37	5.48
16	4.69	4.36	4.11	4.24	4.02	3.99	3.51	4.15	5.46	5.23	5.49	5.57
17	4.64	4.41	4.14	4.28	4.05	4.04	3.68	4.22	5.48	5.27	5.46	5.54
18	4.64	4.44	4.05	4.24	4.08	3.95	3.73	4.30	5.46	5.36	5.47	5.54
19	4.63	4.48	3.93	4.16	4.05	3.87	3.78	4.31	5.81	5.25	5.44	5.51
20	4.68	4.35	4.06	4.18	3.94	3.97	3.79	4.35	6.03	5.13	5.33	5.53
21	4.71	4.31	4.07	4.32	3.98	3.99	3.81	4.39	5.83	5.05	5.38	5.61
22	4.68	4.39	4.01	4.31	4.02	3.98	3.80	4.51	5.56	4.97	5.33	5.68
23	4.51	4.40	4.01	4.20	3.94	4.03	3.60	4.51	5.41	4.93	5.31	5.69
24	4.44	4.35	4.03	4.12	4.01	4.08	3.65	4.36	5.28	4.98	5.36	5.59
25	4.49	4.26	4.10	4.03	4.05	3.89	3.75	4.38	5.15	5.14	5.48	5.60
26	4.50	4.34	4.24	4.05	4.03	3.79	3.80	4.52	5.20	5.13	5.46	5.71
27	4.53	4.26	4.57	3.93	3.79	3.86	3.86	4.47	5.21	4.96	5.39	5.83
28	4.58	4.15	4.75	3.96	3.72	3.65	3.97	4.42	5.25	4.93	5.45	5.67
29	4.71	4.19	4.71	3.91	3.85	3.60	3.99	4.40	5.22	4.76	5.50	5.42
30	4.65	4.22	4.74	3.90	---	3.82	3.92	4.19	5.16	4.63	5.49	5.31
31	4.55	---	4.69	3.98	---	3.91	---	4.23	---	4.68	5.58	---
MEAN	4.68	4.41	4.19	4.24	4.02	3.92	3.73	4.16	5.14	5.12	5.27	5.56
MAX	4.87	4.61	4.75	4.61	4.25	4.08	3.99	4.52	6.03	5.50	5.58	5.83
MIN	4.44	4.15	3.87	3.90	3.72	3.60	3.47	3.75	4.29	4.63	4.73	5.31

CAL YR 1983	MEAN	4.21	MAX	35.68	MIN	2.82
WTR YR 1984	MEAN	4.54	MAX	6.03	MIN	3.47

HYDROGRAPH



COLLETON COUNTY

330256080354500. Local number, COL-97.

LOCATION.--Lat 33°02'56", long 80°35'45, Hydrologic Unit 03050205, 1.6 mi southeast of Canadys at intersection of State Hwy. 61 and State Road 45.
Owner: South Carolina Water Resources Commission.

AQUIFER.--Santee Formation.

WELL CHARACTERISTICS.--Drilled test and obervation artesian well, diameter 4 in, depth 500 ft, cased to 104 ft, open hole from 104 to 500 ft.

DATUM.--Land-surface datum is 84 ft National Geodetic Vertical Datum of 1929. Measuring point: top of platform, 2.10 ft above land-surface datum.

REMARKS.--Depth, measured Jan. 17, 1979, 356 ft. Caliper, electric, and gamma logs available in District files.

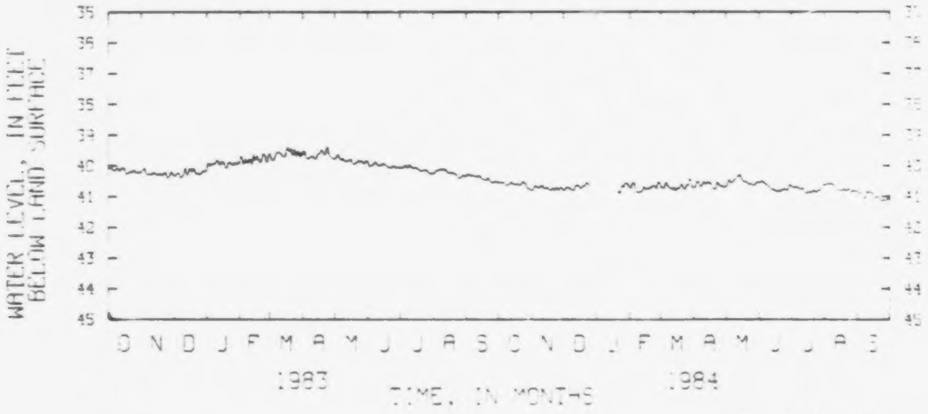
PERIOD OF RECORD.--August 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.79 below land-surface datum, May 14, 1978; lowest 41.14 ft below land-surface datum, Sept. 23, 27, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40.55	40.80	40.80	---	40.71	40.73	40.70	40.68	40.55	40.65	40.62	40.85
2	40.56	40.79	40.79	---	40.74	40.70	40.72	40.65	40.54	40.68	40.63	40.88
3	40.55	40.74	40.73	---	40.62	40.72	40.65	40.54	40.52	40.70	40.61	40.89
4	40.55	40.67	40.71	---	40.55	40.74	40.53	40.45	40.51	40.71	40.59	40.87
5	40.53	40.66	40.72	---	40.58	40.63	40.51	40.52	40.53	40.70	40.60	40.91
6	40.55	40.70	40.71	---	40.71	40.54	40.57	40.57	40.56	40.69	40.59	40.97
7	40.61	40.72	40.74	---	40.86	40.62	40.65	40.55	40.59	40.70	40.58	41.04
8	40.63	40.72	40.78	---	40.88	40.67	40.71	40.51	40.61	40.73	40.59	41.06
9	40.63	40.69	40.80	---	40.87	40.71	40.63	40.47	40.65	40.76	40.62	40.96
10	40.63	40.65	40.81	---	40.85	40.75	40.54	40.43	40.68	40.76	40.64	40.86
11	40.61	40.64	40.79	---	40.85	40.73	40.56	40.39	40.70	40.74	40.68	40.84
12	40.57	40.71	40.66	---	40.84	40.79	40.59	40.35	40.75	40.73	40.75	40.86
13	40.53	40.73	40.65	---	40.79	40.71	40.57	40.33	40.78	40.79	40.77	40.89
14	40.58	40.76	40.64	---	40.68	40.78	40.56	40.29	40.78	40.87	40.79	40.88
15	40.61	40.73	40.63	---	40.75	40.82	40.56	40.36	40.78	40.90	40.81	40.88
16	40.62	40.71	40.70	---	40.76	40.74	40.56	40.43	40.82	40.87	40.81	40.95
17	40.61	40.76	40.75	---	40.74	40.74	40.60	40.50	40.84	40.86	40.81	41.03
18	40.60	40.81	40.73	---	40.76	40.74	40.68	40.53	40.82	40.86	40.80	41.04
19	40.60	40.81	40.66	---	40.75	40.70	40.73	40.53	40.82	40.86	40.77	41.02
20	40.62	40.75	40.67	40.83	40.71	40.65	40.77	40.51	40.82	40.87	40.76	41.01
21	40.64	40.73	40.67	40.85	40.70	40.59	40.76	40.55	40.84	40.84	40.82	41.07
22	40.64	40.80	40.56	40.92	40.71	40.69	40.71	40.61	40.79	40.80	40.82	41.12
23	40.55	40.77	40.57	40.85	40.61	40.76	40.54	40.60	40.78	40.83	40.77	41.14
24	40.52	40.73	40.58	40.69	40.67	40.77	40.58	40.58	40.77	40.86	40.76	41.13
5	40.56	40.73	40.69	40.64	40.69	40.63	40.65	40.60	40.75	40.85	40.81	41.12
26	40.58	40.79	---	40.70	40.78	40.64	40.67	40.63	40.77	40.82	40.84	41.11
27	40.64	40.77	---	40.57	40.59	40.63	40.68	40.65	40.80	40.79	40.83	41.14
28	40.74	40.71	---	40.57	40.53	40.42	40.68	40.64	40.78	40.80	40.81	41.13
29	40.73	40.71	---	40.59	40.65	40.47	40.72	40.58	40.70	40.77	40.82	41.07
30	40.78	40.77	---	40.59	---	40.66	40.68	40.55	40.61	40.70	40.82	41.07
31	40.80	---	---	40.66	---	40.71	---	40.55	---	40.62	40.81	---
MEAN	40.61	40.74	---	---	40.72	40.68	40.64	40.52	40.71	40.78	40.73	40.99
MAX	40.80	40.81	---	---	40.88	40.82	40.77	40.68	40.84	40.90	40.84	41.14
MIN	40.52	40.64	---	---	40.53	40.42	40.51	40.29	40.51	40.62	40.58	40.84

HYDROGRAPH



DILLON COUNTY

342042079100600. Local number, DIL-79.

LOCATION.--Lat 34°20'42", long 79°10'06", Hydrologic Unit 03040204, 131 ft east of Hampton Street and 33 ft off of Peachtree Street in Lakeview.
Owner: Town of Lakeview.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 10 in, depth 302 ft, casing and screened intervals unknown.

DATUM.--Land-surface datum is 90 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2 ft above land-surface datum.

PERIOD OF RECORD.--July 1981 to current year.

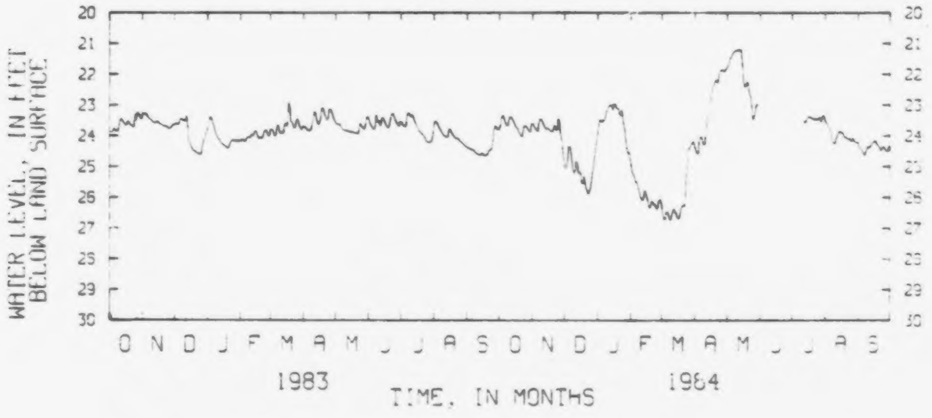
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 21.20 ft below land-surface datum, May 13, 1984; lowest, 26.75 ft below land-surface datum, March 9, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.77	23.60	25.03	23.91	24.94	26.40	24.39	21.77		---	23.53	24.25
2	23.66	23.66	25.08	23.64	25.19	26.57	24.51	21.71		---	23.57	24.39
3	23.39	23.73	24.95	23.48	25.29	26.72	24.59	21.57		---	23.64	24.44
4	23.33	23.79	24.76	23.54	25.32	26.73	24.58	21.45		---	23.70	24.46
5	23.41	23.83	24.35	23.54	25.49	26.49	24.19	21.41		---	23.75	24.50
6	23.52	23.85	24.38	23.49	25.50	26.48	24.04	21.35		---	23.87	24.58
7	23.63	23.60	24.55	23.48	25.63	26.56	24.05	21.28		---	24.04	24.65
8	23.68	23.45	24.85	23.41	25.72	26.67	24.19	21.25		---	24.18	24.56
9	23.64	23.47	25.14	23.21	25.87	26.75	24.29	21.22		---	24.27	24.44
10	23.46	23.52	25.23	23.18	26.01	26.63	24.28	21.22		---	24.26	24.35
11	23.38	23.61	25.16	23.04	26.09	26.50	23.97	21.22		23.49	24.14	24.39
12	23.41	23.70	24.84	23.02	26.09	26.38	23.65	21.21		23.54	24.02	24.35
13	23.46	23.76	24.97	23.00	26.00	26.47	23.37	21.20		23.59	23.95	24.32
14	23.52	23.77	25.21	23.01	25.78	26.50	23.15	21.25		23.54	23.36	24.25
15	23.60	23.76	25.19	23.17	25.90	26.60	22.95	21.61		23.45	23.88	24.21
16	23.71	23.78	25.24	22.97	26.01	26.69	22.71	22.17		23.39	23.89	24.17
17	23.73	23.83	25.53	22.97	26.15	26.69	22.54	22.41		23.40	23.39	24.15
18	23.78	23.86	25.55	23.08	26.34	26.56	22.39	22.40		23.40	23.96	24.24
19	23.36	23.85	25.33	23.11	26.33	26.37	22.29	22.28		23.41	24.06	24.27
20	23.94	23.85	25.55	23.12	26.14	26.30	22.19	22.25		23.46	24.04	24.33
21	24.00	23.72	25.70	23.28	26.13	26.27	22.23	22.46		23.46	24.08	24.37
22	24.04	23.65	25.78	23.35	26.25	26.30	22.28	22.65		23.45	24.10	24.49
23	23.88	23.82	25.90	23.17	26.22	25.89	22.08	22.72		23.49	24.12	24.45
24	23.67	23.80	25.82	23.36	26.29	25.31	21.93	23.06		23.48	24.09	24.37
25	23.69	23.44	25.72	23.60	26.39	24.81	21.86	23.50		23.46	24.18	24.37
26	23.70	23.55	25.53	23.79	26.36	24.42	21.87	23.39		23.41	24.16	24.40
27	23.74	23.92	25.23	24.14	26.14	24.41	21.90	23.29		23.43	24.09	24.49
28	23.82	24.09	24.99	24.40	26.06	24.33	21.90	23.04		23.58	24.15	24.51
29	23.86	24.41	24.65	24.58	26.27	24.26	21.87	22.98		23.42	24.20	24.46
30	23.87	24.76	24.43	24.54	---	24.18	21.82	22.98		23.33	24.22	24.33
31	23.61	---	24.17	24.73	---	24.26	---	---		23.39	24.21	---
MEAN	23.67	23.78	25.12	23.49	25.93	25.98	23.07	---		---	24.00	24.38
MIN	23.33	23.44	24.17	22.97	24.94	24.18	21.82	---		---	23.53	24.15

CAL YR 1983 MEAN 23.94 MAX 25.90 MIN 22.91

HYDROGRAPH



DORCHESTER COUNTY

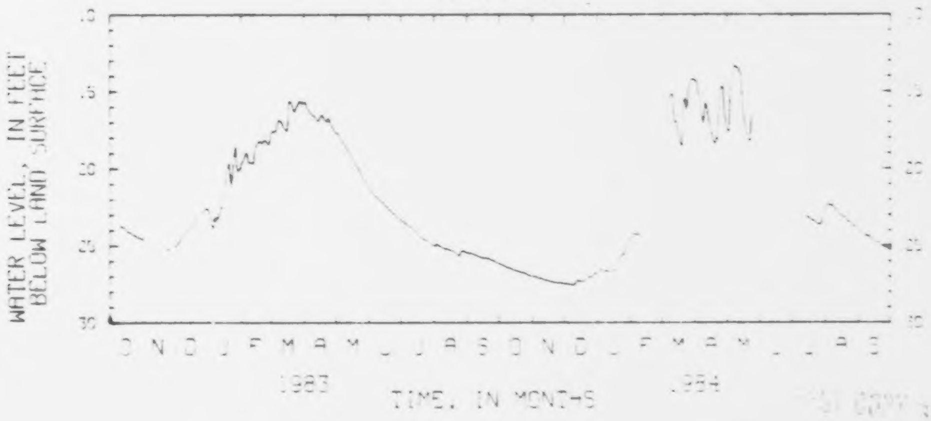
331325080263400. Local number, DOR-103.
LOCATION.--Lat 33°13'25", long 80°26'34", Hydrologic Unit 03050206, 120 ft northeast of U.S. Hwy. 178 in Harleyville.
Owner: Ford Redimix Concrete Co.
AQUIFER.--Tertiary limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 56 ft, cased to 43 ft, open hole from 43 to 56 ft.
DATUM.--Land-surface datum is 82 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.43 ft above land-surface datum.
REMARKS.--Original depth was 212 ft, well caved in and bottom was plugged with cement. Well was sounded Mar. 27, 1980 to a depth of 56 ft. Water-quality analysis on file in District office. Pump test data on file in District office. Gamma and caliper logged Nov. 29, 1979 to a depth of 55 ft.
PERIOD OF RECORD.--January 1980 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 13.36 ft below land-surface datum, May 8, 1984; lowest, 27.54 ft below land-surface datum, Dec. 7, 9, 10, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.18	27.00	27.48	26.72	24.46	---	14.28	17.34		---	22.54	23.98
2	26.20	27.01	27.48	26.67	24.39	---	14.37	17.61		---	22.44	24.05
3	26.23	27.00	27.46	26.63	24.25	---	14.45	17.63		---	22.37	24.07
4	26.26	27.01	27.48	26.59	24.21	---	15.09	15.33		---	22.33	24.11
5	26.29	27.06	27.51	26.56	24.23	---	15.22	14.33		---	22.35	24.19
6	26.33	27.10	27.48	26.55	24.27	17.31	15.64	14.05		---	22.37	24.27
7	26.39	27.12	27.54	26.63	24.31	15.80	16.30	13.65		---	22.39	24.33
8	26.41	27.13	27.53	26.67	24.29	15.35	16.84	13.36		---	22.44	24.37
9	26.42	27.13	27.54	26.67	24.25	15.24	17.12	13.40		---	22.53	24.36
10	26.45	27.14	27.54	26.59	23.99	15.17	16.37	13.45		---	22.60	24.36
11	26.46	27.18	27.50	26.66	---	15.21	15.76	13.53		---	22.68	24.41
12	26.50	27.23	27.34	26.74	---	16.39	16.02	13.61		---	22.78	24.49
13	26.52	27.25	27.28	26.71	---	16.99	16.43	13.75		23.02	22.87	24.54
14	26.58	27.27	27.26	26.65	---	16.93	16.79	13.92		23.10	22.95	24.59
15	26.60	27.24	27.30	26.64	---	17.23	17.12	15.10		23.14	23.01	24.63
16	26.62	27.28	27.33	26.59	---	17.49	17.44	16.25		23.16	23.07	24.73
17	26.64	27.32	27.32	26.57	---	17.85	17.79	16.83		23.23	23.12	24.77
18	26.66	27.35	27.29	26.48	---	18.20	18.12	17.20		23.27	23.16	24.73
19	26.68	27.36	27.25	26.30	---	18.45	18.39	17.45		23.35	23.20	24.79
20	26.72	27.33	27.26	26.10	---	18.57	18.37	17.72		23.37	23.27	24.82
21	26.74	27.38	27.23	25.90	---	16.32	18.05	17.98		23.39	23.39	24.89
22	26.75	27.40	27.14	25.78	---	15.58	18.13	18.24		23.44	23.44	24.98
23	26.73	27.40	27.07	25.68	---	15.42	16.66	18.17		23.51	23.44	25.03
24	26.77	27.40	27.02	25.57	---	16.20	15.18	16.64		23.56	23.52	25.05
25	26.81	27.42	27.03	25.53	---	15.84	14.84	---		23.61	23.62	25.08
26	26.84	27.44	27.00	25.50	---	14.88	14.70	---		23.63	23.69	25.11
27	26.89	27.41	26.98	25.28	---	14.63	14.71	---		23.61	23.71	25.13
28	26.93	27.40	26.94	24.98	---	14.32	15.63	---		23.55	23.75	25.20
29	26.93	27.44	26.78	24.76	---	14.20	16.56	---		23.30	23.79	25.21
30	26.97	27.47	26.81	24.60	---	14.23	16.96	---		22.92	23.83	25.27
31	26.99	---	26.77	24.54	---	14.25	---	---		22.66	23.88	---
MEAN	26.60	27.26	27.26	26.12	---	---	16.31	---		---	23.05	24.65
MAX	26.99	27.47	27.54	26.74	---	---	18.39	---		---	23.88	25.27
MIN	26.18	27.00	26.77	24.54	---	---	14.28	---		---	22.33	23.98

CAL YR 1983 MEAN 22.57 MAX 27.54 MIN 15.99

HYDROGRAPH



FLORENCE COUNTY

340806079563100. Local number, FLO-85.

LOCATION.--Lat 34°08'06", long 79°56'31", Hydrologic Unit 03040202, 136 ft off East Main Street, behind the town hall in Timmonsville.

Owner: Town of Timmonsville.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 3 in, depth 535 ft, screened 235-240, 260-270, 410-415, 480-485, 505-515 ft.

DATUM.--Land-surface datum is 145 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.71 ft above land-surface datum.

REMARKS.--Water-quality data on file in District office. Record estimated Feb. 24, 1983.

PERIOD OF RECORD.--June 1981 to current year.

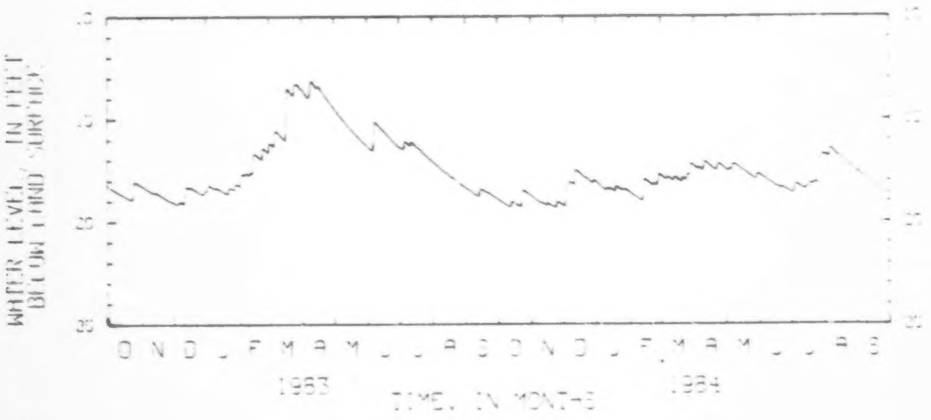
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 19.34 ft below land-surface datum, Dec. 14, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.91	18.75	19.20	18.08	18.58	17.78	17.31	17.48	17.72	18.58	16.75	17.56
2	18.95	18.78	19.24	18.13	18.62	17.81	17.35	17.52	17.75	18.59	16.74	17.60
3	18.98	18.82	18.97	18.17	18.66	17.85	17.40	17.50	17.79	18.54	16.77	17.64
4	19.02	18.87	18.46	18.22	18.70	17.90	17.43	17.45	17.82	18.31	16.81	17.68
5	19.05	18.91	18.41	18.27	18.73	17.94	17.35	17.47	17.85	18.15	16.85	17.73
6	19.09	18.95	18.20	18.32	18.77	17.92	17.39	17.44	17.89	18.17	16.41	17.77
7	19.12	18.98	18.03	18.36	18.80	17.82	17.44	17.22	17.92	18.20	16.44	17.80
8	19.15	19.02	18.07	18.40	18.84	17.85	17.48	17.24	17.96	18.24	16.48	17.84
9	19.19	19.06	18.11	18.44	18.88	17.89	17.52	17.20	18.00	18.27	16.54	17.88
10	19.22	19.06	18.16	18.45	18.92	17.93	17.31	17.24	18.04	18.30	16.60	17.92
11	19.25	19.08	18.18	18.37	18.95	17.97	17.08	17.28	18.07	18.34	16.65	17.96
12	19.28	19.11	17.48	18.37	18.99	18.02	17.12	17.32	18.11	18.37	16.70	18.00
13	19.23	19.14	17.49	18.40	18.90	17.90	17.16	17.37	18.14	18.40	16.75	18.04
14	19.02	19.17	17.54	18.41	17.96	17.84	17.21	17.42	18.18	18.41	16.79	18.08
15	19.04	19.20	17.58	18.44	17.94	17.87	17.26	17.45	18.22	18.30	16.84	18.11
16	19.07	19.10	17.61	18.47	17.99	17.91	17.30	17.48	18.25	18.31	16.89	18.15
17	19.11	19.12	17.65	18.51	18.03	17.95	17.34	17.52	18.27	18.18	16.93	18.19
18	19.14	19.16	17.71	18.52	18.07	17.99	17.39	17.56	18.29	18.16	16.98	18.23
19	19.17	19.19	17.76	18.29	18.11	18.04	17.44	17.59	18.33	18.12	17.03	18.26
20	19.21	19.22	17.80	18.30	18.15	18.07	17.47	17.63	18.35	18.15	17.07	18.30
21	19.24	19.24	17.85	18.34	18.19	17.88	17.48	17.67	18.33	18.18	17.12	18.34
22	19.27	19.26	17.86	18.38	18.23	17.90	17.51	17.71	18.33	18.05	17.16	18.37
23	19.11	19.29	17.89	18.42	18.18	17.94	17.24	17.75	18.35	18.07	17.21	18.41
24	18.45	19.30	17.94	18.45	18.16	17.98	17.17	17.79	18.37	18.10	17.23	18.44
25	18.48	19.03	17.98	18.44	18.20	17.78	17.21	17.82	18.40	18.13	17.26	18.47
26	18.51	19.04	18.04	18.46	18.24	17.70	17.25	17.86	18.43	17.89	17.30	18.51
27	18.55	19.07	18.08	18.44	18.00	17.74	17.30	17.90	18.46	17.29	17.34	18.55
28	18.59	19.11	18.10	18.44	17.70	17.44	17.34	17.93	18.49	17.08	17.39	18.58
29	18.62	19.14	18.00	18.47	17.74	17.18	17.38	17.89	18.52	16.94	17.44	18.62
30	18.67	19.17	17.99	18.50	---	17.22	17.44	17.68	18.55	16.68	17.48	18.65
31	18.70	---	18.04	18.54	---	17.26	---	17.68	---	16.72	17.52	---
MEAN	18.98	19.08	18.05	18.38	18.39	17.82	17.34	17.55	18.17	18.04	16.95	18.12
MAX	19.28	19.30	19.24	18.54	18.99	18.07	17.52	17.93	18.55	18.59	17.52	18.65
MIN	18.45	18.75	17.48	18.08	17.70	17.18	17.08	17.20	17.72	16.68	16.41	17.56

CAL YR 1983 MEAN 17.03 MAX 19.30 MIN 13.14
WTR YR 1984 MEAN 18.07 MAX 19.30 MIN 16.41

HYDROGRAPH



FLORENCE COUNTY

341200079444100. Local number, FLO-99.

LOCATION.--Lat 34°12'00", long 79°44'41", Hydrologic Unit 03040201, 85 ft east of the rear of City Products warehouse off East Day Street in Florence.
Owner: City Products, Kenneth Ness.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 9 in, depth 216 ft, casing and screened intervals unknown.

DATUM.--Land-surface datum is 145 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.72 ft above land-surface datum.

REMARKS.--Gamma log, Aug. 13, 1980 to depth of 205 ft, caliper log, Aug. 13, 1980 to depth of 204 ft. Obstruction between 30 to 40 ft.

PERIOD OF RECORD.--June 1981 to current year.

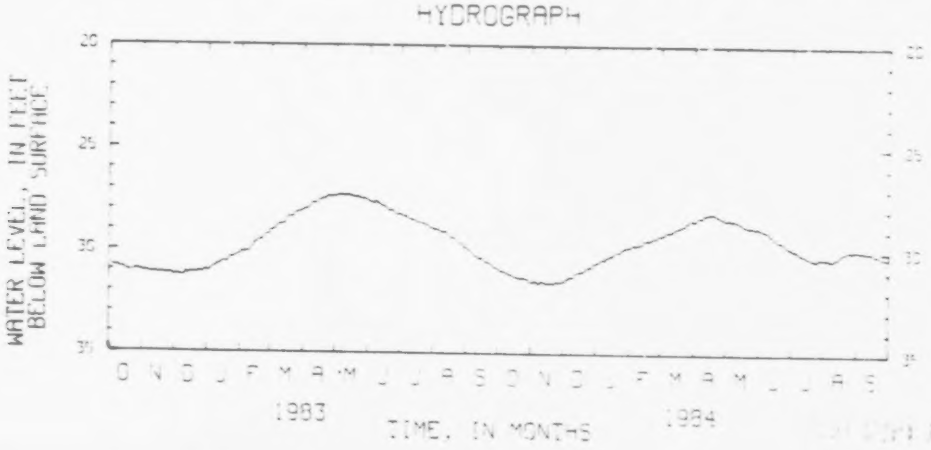
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 27.26 ft below land-surface datum, May 4, 1983; lowest, 33.71 ft below land-surface datum, July 23, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.86	31.50	31.45	30.54	29.78	29.22	28.48	28.45	28.85	29.82	30.31	29.90
2	30.93	31.50	31.45	30.53	29.75	29.22	28.52	28.47	28.87	29.89	30.30	29.91
3	30.97	31.48	31.35	30.49	29.72	29.16	28.46	28.41	28.89	29.89	30.31	29.94
4	30.96	31.44	31.31	30.47	29.66	29.18	28.40	28.39	28.94	29.90	30.29	29.97
5	30.96	31.44	31.34	30.42	29.66	29.14	28.32	28.45	28.92	29.90	30.31	29.93
6	30.96	31.48	31.23	30.39	29.70	29.05	28.32	28.48	28.93	29.94	30.38	29.94
7	31.01	31.58	31.26	30.36	29.69	29.04	28.32	28.47	28.98	29.97	30.35	29.95
8	31.05	31.54	31.26	30.39	29.68	29.04	28.34	28.42	28.98	29.99	30.36	29.96
9	31.05	31.53	31.26	30.42	29.66	29.05	28.36	28.46	29.02	30.09	30.39	29.98
10	31.13	31.45	31.24	30.30	29.65	29.02	28.22	28.50	29.06	30.08	30.37	30.00
11	31.12	31.46	31.21	30.27	29.62	29.00	28.19	28.50	29.15	30.09	30.28	29.98
12	31.13	31.47	31.09	30.27	29.61	29.03	28.21	28.50	29.16	30.13	30.29	29.97
13	31.15	31.51	31.05	30.23	29.62	28.91	28.19	28.55	29.22	30.15	30.27	29.99
14	31.17	31.57	31.01	30.18	29.47	28.90	28.13	28.58	29.28	30.13	30.24	29.97
15	31.20	31.52	31.00	30.21	29.44	28.88	28.15	28.59	29.31	30.19	30.18	30.00
16	31.23	31.54	31.01	30.20	29.46	28.84	28.16	28.66	29.34	30.25	30.15	30.05
17	31.29	31.54	31.00	30.15	29.45	28.83	28.12	28.69	29.39	30.25	30.11	30.12
18	31.26	31.58	30.99	30.08	29.43	28.80	28.13	28.72	29.47	30.27	30.05	30.10
19	31.27	31.55	30.97	30.03	29.42	28.83	28.14	28.73	29.46	30.30	30.02	30.10
20	31.29	31.51	30.95	30.03	29.46	28.80	28.14	28.74	29.49	30.35	30.00	30.10
21	31.31	31.56	30.91	30.01	29.40	28.74	28.18	28.80	29.46	30.36	29.99	30.14
22	31.33	31.58	30.85	30.01	29.40	28.72	28.27	28.79	29.49	30.31	29.97	30.17
23	31.27	31.54	30.80	30.04	29.32	28.74	28.22	28.76	29.53	30.38	29.92	30.20
24	31.30	31.46	30.76	29.95	29.32	28.70	28.25	28.78	29.58	30.40	29.92	30.26
25	31.32	31.47	30.79	29.90	29.33	28.57	28.30	28.77	29.64	30.42	29.91	30.23
26	31.30	31.52	30.76	29.89	29.34	28.58	28.32	28.77	29.67	30.34	29.92	30.25
27	31.34	31.50	30.78	29.81	29.28	28.55	28.36	28.80	29.72	30.29	29.97	30.27
28	31.36	31.49	30.70	29.80	29.19	28.50	28.37	28.88	29.77	30.28	29.91	30.28
29	31.36	31.48	30.59	29.80	29.21	28.42	28.42	28.83	29.78	30.28	29.91	30.26
30	31.45	31.47	30.60	29.79	---	28.47	28.45	28.78	29.77	30.32	29.90	30.28
31	31.50	---	30.57	29.78	---	28.48	---	28.82	---	30.30	29.89	---
MEAN	31.19	31.51	31.02	30.15	29.51	28.85	28.23	28.63	29.30	30.17	30.13	30.07
MAX	31.50	31.58	31.45	30.54	29.78	29.22	28.52	28.88	29.78	30.42	30.39	30.28
MIN	30.86	31.44	30.57	29.78	29.19	28.42	28.12	28.39	28.85	29.82	29.89	29.90

CAL YR 1983 MEAN 29.47 MAX 31.58 MIN 27.26
WTR YR 1984 MEAN 29.90 MAX 31.58 MIN 28.12

HYDROGRAPH



FLORENCE COUNTY

341144079345001. Local number, FLO-128.

LOCATION.--Lat 34°11'44", long 79°34'50", Hydrologic Unit 03040201, E. I. DuPont, Mars Bluff plant site. 430 ft from State Hwy. 76.

Owner: E. I. DuPont, de Nemours Co.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 690 ft, cased to 690 ft, screened 265-270, 275-290, 328-333, 376-381, 460-470, 680-690 ft.

DATUM.--Land-surface datum is 96 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 300 ft, geophysical logged May 1982 to 695 ft.

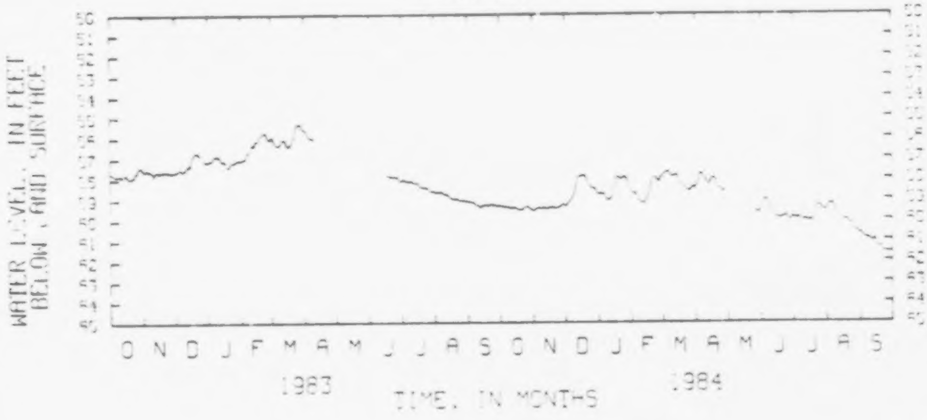
PERIOD OF RECORD.--January 1982 to current year.

EXTREMES OF PERIOD OF RECORD.--Highest mean water level 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 61.61 ft below land-surface datum, Sept. 30, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59.33	59.55	59.32	58.73	58.56	57.84	58.38	---	59.43	59.88	59.49	60.67
2	59.33	59.55	59.32	58.73	58.67	57.77	58.27	---	59.28	59.91	59.37	60.70
3	59.34	59.52	59.26	58.73	58.71	57.73	58.12	---	59.13	59.95	59.27	60.75
4	59.36	59.46	59.15	58.74	58.71	57.70	57.92	---	59.03	59.94	59.24	60.80
5	59.37	59.43	59.14	58.74	58.73	57.67	57.74	---	59.01	59.92	59.23	60.88
6	59.37	59.40	59.03	58.75	58.83	57.65	57.74	---	59.04	59.91	59.24	60.92
7	59.38	59.42	58.98	58.82	58.98	57.71	57.81	---	59.15	59.92	59.30	60.92
8	59.40	59.47	58.93	58.94	59.06	57.81	57.92	---	59.27	59.94	59.40	60.93
9	59.40	59.47	58.81	59.02	59.09	57.88	58.00	---	59.41	59.97	59.53	60.94
10	59.42	59.41	58.64	59.03	59.16	57.90	58.03	---	59.51	60.01	59.64	60.97
11	59.44	59.40	58.38	59.01	59.18	57.87	58.12	---	59.62	60.02	59.69	61.05
12	59.44	59.44	58.07	59.00	59.18	57.85	58.23	---	59.71	60.02	59.77	61.07
13	59.42	59.45	57.95	58.88	59.18	57.83	58.24	---	59.79	60.04	59.85	61.05
14	59.41	59.46	57.90	58.68	59.09	57.82	58.20	---	59.84	60.05	59.94	61.00
15	59.42	59.47	57.88	58.47	59.05	57.90	58.08	---	59.88	60.05	60.00	61.00
16	59.43	59.41	57.87	58.24	58.91	57.95	57.98	---	59.91	60.05	60.02	61.12
17	59.47	59.40	57.85	58.06	58.73	58.03	57.96	---	59.92	60.07	60.02	61.23
18	59.51	59.39	57.85	57.93	58.53	58.12	57.97	---	59.92	60.07	60.02	61.32
19	59.51	59.41	57.85	57.90	58.31	58.19	58.04	---	59.94	59.97	60.03	61.35
20	59.51	59.41	57.93	57.96	58.12	58.29	58.17	---	59.94	59.84	60.05	61.37
21	59.51	59.41	58.06	57.99	58.01	58.33	58.31	---	59.87	59.68	60.12	61.39
22	59.51	59.46	58.13	58.03	57.97	58.44	58.44	---	59.86	59.47	60.16	61.50
23	59.45	59.46	58.27	58.02	57.94	58.52	58.46	---	59.84	59.35	60.18	61.55
24	59.38	59.44	58.32	57.94	57.99	58.57	58.51	---	59.84	59.31	60.27	61.56
25	59.38	59.37	58.42	57.90	58.06	58.56	58.58	59.61	59.86	59.32	60.36	61.58
26	59.36	59.37	58.46	57.95	58.16	58.56	58.59	59.60	59.97	59.36	60.44	61.60
27	59.35	59.35	58.48	57.98	58.11	58.56	58.59	59.60	60.01	59.42	60.50	61.59
28	59.41	59.28	58.49	58.06	57.94	58.47	58.59	59.62	60.02	59.51	60.54	61.60
29	59.43	59.24	58.50	58.18	57.88	58.37	---	59.65	60.01	59.55	60.58	61.59
30	59.49	59.28	58.63	58.31	---	58.43	---	59.65	59.99	59.55	60.62	61.61
31	59.52	---	58.72	58.43	---	58.44	---	59.56	---	59.54	60.67	---
MEAN	59.42	59.42	58.47	58.42	58.58	58.09	---	---	59.66	59.79	59.92	61.19
MAX	59.52	59.55	59.32	59.03	59.18	58.57	---	---	60.02	60.07	60.67	61.61
MIN	59.33	59.24	57.85	57.90	57.88	57.65	---	---	59.01	59.31	59.23	60.47

HYDROGRAPH



332249079171300. Local number, GEO-17.

LOCATION.--Lat 33°22'49", long 79°17'13", Hydrologic Unit 03040207, at Georgetown Hospital on Black River Road.
Owner: City of Georgetown.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 18 in from surface to 105 ft, 8 in from 105 to 885 ft, depth 885 ft, screened intervals 703-713, 757-767, 789-799, 844-854, 815-885 ft.

DATUM.--Land-surface datum is 18 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.3 ft above land-surface datum.

REMARKS.--Record estimated Jan. 1 to 3, 1983.

PERIOD OF RECORD.--January 1978 to current year.

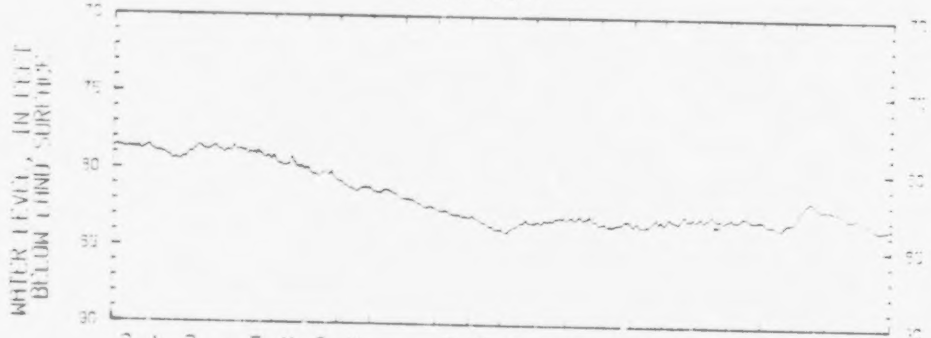
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 68.56 ft below land-surface datum May 14, 1978; lowest, 83.97 ft below land-surface datum, Oct. 4, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83.82	83.34	83.15	83.43	83.48	83.41	83.09	83.05	83.08	83.16	82.30	83.03
2	83.87	83.32	83.12	83.40	83.52	83.35	83.08	83.04	83.09	83.14	82.32	83.09
3	83.94	83.27	83.03	83.38	83.44	83.29	83.06	82.97	83.13	83.08	82.32	83.12
4	83.97	83.23	82.96	83.37	83.31	83.23	82.95	82.91	83.19	82.98	82.33	83.15
5	83.96	83.27	83.00	83.35	83.29	83.10	82.91	83.05	83.27	82.82	82.36	83.22
6	83.95	83.32	82.93	83.36	83.35	82.97	83.03	83.10	83.34	82.67	82.38	83.29
7	83.94	83.37	83.07	83.44	83.47	83.00	83.11	83.12	83.38	82.51	82.40	83.35
8	83.82	83.37	83.10	83.51	83.53	83.06	83.16	83.12	83.39	82.43	82.42	83.35
9	83.76	83.27	83.13	83.58	83.53	83.13	83.14	83.13	83.37	82.33	82.46	83.25
10	83.74	83.16	83.14	83.46	83.56	83.16	83.01	83.13	83.35	82.25	82.46	83.13
11	83.66	83.18	83.07	83.48	83.57	83.17	83.01	83.10	83.36	82.13	82.42	83.14
12	83.63	83.24	82.90	83.59	83.60	83.26	83.03	83.03	83.38	82.03	82.43	83.30
13	83.60	83.22	82.92	83.53	83.56	83.18	82.95	82.95	83.40	81.96	82.48	83.39
14	83.62	83.23	82.93	83.50	83.44	83.27	82.86	82.88	83.41	81.93	82.53	83.45
15	83.57	83.17	83.00	83.48	83.53	83.32	82.79	82.86	83.46	81.85	82.58	83.50
16	83.49	83.17	83.10	83.43	83.53	83.22	82.76	82.85	83.52	81.78	82.63	83.56
17	83.43	83.25	83.12	83.45	83.46	83.13	82.93	82.88	83.56	81.79	82.65	83.63
18	83.38	83.25	83.08	83.41	83.39	83.02	82.93	82.89	83.59	81.82	82.69	83.65
19	83.35	83.18	83.02	83.37	83.31	82.90	83.02	82.90	83.62	81.86	82.74	83.64
20	83.35	83.04	83.05	83.43	83.20	82.84	83.07	82.96	83.64	81.93	82.81	83.63
21	83.34	83.05	83.01	83.38	83.17	82.77	83.10	83.03	83.50	81.97	82.92	83.63
22	83.30	83.08	82.87	83.38	83.17	82.97	83.10	83.09	83.43	82.02	82.93	83.65
23	83.15	83.05	82.95	83.32	82.97	83.08	83.01	83.11	83.35	82.12	82.91	83.63
24	83.14	82.98	82.99	83.22	83.13	83.12	83.10	83.12	83.28	82.19	82.93	83.60
25	83.28	82.98	83.14	83.17	83.20	83.04	83.18	83.11	83.23	82.25	82.94	83.57
26	83.32	83.07	83.20	83.24	83.32	83.10	83.23	83.11	83.21	82.30	82.90	83.57
27	83.34	83.04	83.24	83.15	83.19	83.13	83.20	83.11	83.22	82.33	82.84	83.62
28	83.37	82.99	83.16	83.16	83.17	82.96	83.15	83.10	83.23	82.35	82.79	83.58
29	83.35	83.06	83.19	83.20	83.33	82.99	83.12	83.07	83.18	82.32	82.82	83.50
30	83.36	83.14	83.36	83.29	---	83.14	83.06	83.05	83.16	82.33	82.88	83.50
31	83.34	---	83.43	83.39	---	83.14	---	83.06	---	82.29	82.94	---
MEAN	83.55	83.18	83.08	83.38	83.37	83.11	83.03	83.03	83.34	82.29	82.63	83.42
MAX	83.97	83.37	83.43	83.59	83.60	83.41	83.23	83.13	83.64	83.16	82.94	83.65
MIN	83.14	82.98	82.87	83.15	82.97	82.77	82.76	82.85	83.08	81.78	82.30	83.03

CAL YR 1983	MEAN	81.54	MAX	83.97	MIN	78.50
WTR YR 1984	MEAN	83.12	MAX	83.97	MIN	81.78

HYDROGRAPH



GEORGETOWN COUNTY

332424079171800. Local number, GEO-77.

LOCATION.--Lat 33°24'24", long 79°17'18", Hydrologic Unit 03040207, 5.0 mi north of Georgetown on U.S. Hwy. 701.
Owner: Georgetown Rural Water District.

AQUIFER.--Sands of the Pee Dee and Black Creek Formations.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 10 in from surface to 445 ft, 8 in from 445 ft to 748 ft, depth 748 ft, screened intervals 490-520, 580-660, 720-740 ft, gravel packed.

DATUM.--Land-surface datum is 22 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.10 ft above land-surface datum.

REMARKS.--Driller's log and geophysical logs available in District files.

PERIOD OF RECORD.--June 1970 to current year.

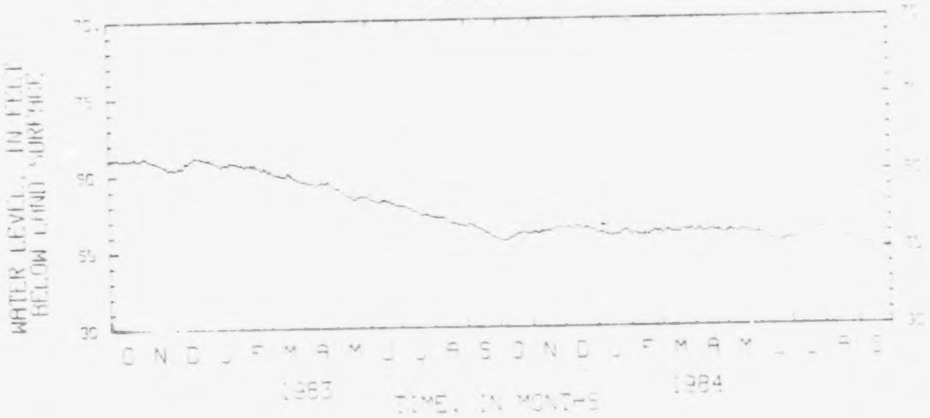
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 63.73 ft below land-surface datum, Nov. 7, 1976; lowest, 96.82 ft below land-surface datum, Nov. 21-23, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84.29	83.92	83.68	83.95	84.02	84.00	83.88	83.91	84.03	84.38	83.76	84.57
2	84.31	83.90	83.68	83.96	84.07	83.99	83.89	83.88	84.06	84.38	83.78	84.63
3	84.34	83.85	83.60	83.94	84.01	83.98	83.86	83.82	84.09	84.33	83.77	84.66
4	84.35	83.81	83.55	83.94	83.92	83.97	83.76	83.74	84.15	84.23	83.76	84.68
5	84.36	83.85	83.58	83.90	83.90	83.87	83.69	83.85	84.24	84.08	83.79	84.73
6	84.38	83.90	83.52	83.89	83.94	83.74	83.76	83.80	84.30	83.99	83.81	84.81
7	84.40	83.94	83.61	83.96	84.03	83.77	83.82	83.87	84.35	83.88	83.82	84.90
8	84.39	83.95	83.64	84.05	84.09	83.81	83.90	83.89	84.37	83.81	83.85	84.94
9	84.36	83.89	83.68	84.09	84.09	83.84	83.93	83.91	84.38	83.75	83.90	84.89
10	84.33	83.79	83.68	84.00	84.09	83.89	83.86	83.96	84.38	83.66	83.92	84.79
11	84.27	83.79	83.62	84.01	84.09	83.88	83.89	83.96	84.38	83.55	83.91	84.76
12	84.22	83.83	83.46	84.13	84.11	83.96	83.94	83.93	84.40	83.47	83.94	84.81
13	84.18	83.81	83.47	84.12	84.10	83.90	83.91	83.87	84.41	83.44	83.98	84.84
14	84.17	83.81	83.48	84.09	83.99	83.91	83.84	83.81	84.42	83.43	84.02	84.88
15	84.14	83.76	83.54	84.10	84.07	83.97	83.79	83.80	84.44	83.42	84.06	84.92
16	84.09	83.73	83.62	84.06	84.10	83.93	83.74	83.81	84.54	83.24	84.10	84.96
17	84.02	83.79	83.66	84.08	84.08	83.91	83.74	83.84	84.58	83.15	84.11	85.05
18	83.97	83.82	83.64	84.04	84.06	83.89	83.78	83.86	84.60	83.13	84.15	85.09
19	83.94	83.78	83.60	84.02	84.01	83.82	83.83	83.84	84.62	83.15	84.19	85.11
20	83.94	83.66	83.65	84.08	83.93	83.77	83.85	83.85	84.66	83.18	84.25	85.12
21	83.94	83.64	83.65	84.07	83.92	83.70	83.87	83.91	84.54	83.22	84.36	85.13
22	83.94	83.67	83.57	84.07	83.92	83.76	83.87	83.97	84.53	83.26	84.40	85.18
23	83.84	83.63	83.60	84.00	83.77	83.81	83.77	83.99	84.50	83.35	84.39	85.18
24	83.80	83.57	83.59	83.88	83.80	83.83	83.84	84.02	84.46	83.43	84.43	85.15
25	83.84	83.54	83.70	83.81	83.84	83.74	83.92	84.04	84.41	83.48	84.49	85.12
26	83.87	83.61	83.75	83.85	83.92	83.77	83.98	84.05	84.40	83.54	84.51	85.11
27	83.92	83.58	83.78	83.74	83.84	83.81	83.99	84.07	84.41	83.59	84.50	85.15
28	83.97	83.53	83.70	83.75	83.80	83.69	83.99	84.06	84.41	83.66	84.49	85.14
29	83.93	83.58	83.71	83.78	83.90	83.69	83.99	84.03	84.38	83.70	84.49	85.02
30	83.95	83.66	83.87	83.83	---	83.86	83.93	83.98	84.35	83.72	84.49	85.07
31	83.93	---	83.93	83.92	---	83.89	---	83.99	---	83.73	84.51	---
MEAN	84.11	83.75	83.64	83.97	83.98	83.85	83.86	83.92	84.39	83.62	84.13	84.95
MAX	84.40	83.95	83.93	84.13	84.11	84.00	83.99	84.07	84.66	84.38	84.51	85.18
MIN	83.80	83.53	83.46	83.74	83.77	83.69	83.69	83.74	84.03	83.13	83.76	84.57

CAL YR 1983	MEAN	81.97	MAX	84.40	MIN	76.96
WTR YR 1984	MEAN	84.01	MAX	85.18	MIN	83.13

HYDROGRAPH



GEORGETOWN COUNTY

332610079104000. Local number, GEO-34.

LOCATION.--Lat 33°26'10", long 79°10'40", Hydrologic Unit 03040207, 2 mi west of Pawleys Island, south Causeway entrance on Hwy. 17.
Owner: Johnnie Strait.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 620 ft, cased to 575 ft, screened interval 575-620 ft.

DATUM.--Land-surface datum is 20 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Gamma logged Feb., 1969 to 530 ft. Fluid-Temperature Resistance logged Oct., 1969 to 535 ft. Water levels influenced by nearby pumping.

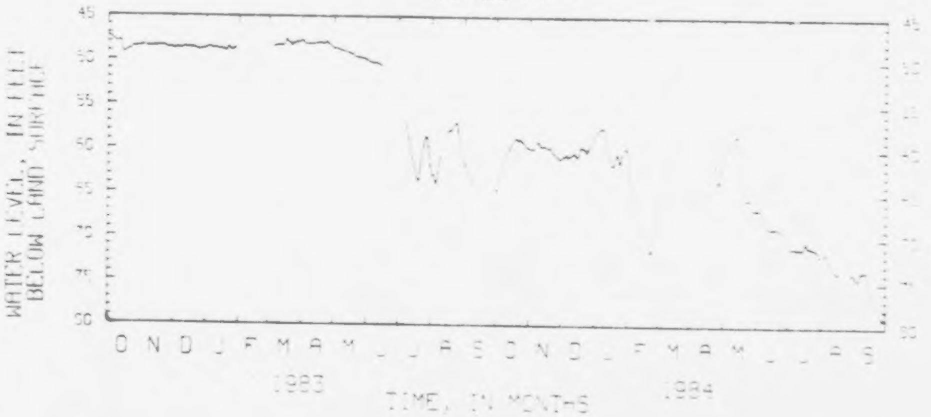
PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.38 ft below land-surface datum, Feb. 10, 1978; lowest, 78.92 ft below land-surface datum, Sept. 30, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64.81	59.39	61.00	58.69	60.16	66.29	---	61.28	66.73	70.44	71.92	74.08
2	64.53	59.94	60.93	58.42	61.40	65.62	---	60.86	66.66	70.35	71.89	74.28
3	63.95	59.97	60.79	58.23	62.32	65.05	---	60.38	66.60	71.03	71.86	74.48
4	63.33	60.02	60.67	58.02	63.18	64.50	---	60.03	66.78	70.98	71.54	74.63
5	62.77	60.01	60.69	57.85	64.10	63.93	---	59.85	66.98	70.97	71.45	74.51
6	62.31	59.71	60.52	57.69	65.01	63.47	---	59.62	67.19	70.98	71.92	73.83
7	61.87	59.38	60.85	57.62	65.76	63.08	---	59.40	67.38	71.02	72.27	73.53
8	61.44	59.19	60.77	57.53	66.39	62.77	---	59.14	67.65	71.10	72.61	73.53
9	61.12	59.08	60.78	57.52	66.93	62.56	---	58.94	67.91	71.03	72.83	73.69
10	60.81	59.19	60.77	57.71	67.47	62.19	---	58.78	68.18	71.04	73.07	73.66
11	60.41	59.56	60.61	58.53	67.99	61.85	---	58.63	68.47	71.06	73.30	73.46
12	60.16	59.69	60.37	59.30	68.40	61.58	---	58.46	68.65	71.09	73.37	73.59
13	59.92	59.65	60.44	59.79	68.69	61.16	---	58.36	68.76	71.16	73.53	73.93
14	59.80	59.68	60.49	60.29	68.92	61.01	---	58.22	68.88	71.13	73.62	74.52
15	59.60	59.58	60.72	60.78	69.41	60.78	---	58.76	68.82	71.00	73.71	75.02
16	59.35	59.64	60.92	61.28	69.79	60.48	---	60.19	68.79	70.77	73.77	75.51
17	59.14	59.77	60.70	61.71	70.09	60.34	---	61.51	68.77	70.35	73.77	75.96
18	58.92	59.82	60.18	61.84	70.43	60.19	---	62.58	68.74	70.47	74.69	76.35
19	58.76	59.38	59.73	61.83	70.75	59.91	---	63.60	68.74	70.89	---	76.72
20	58.70	59.77	59.78	61.42	71.01	59.78	---	64.48	68.77	70.89	---	77.03
21	58.95	59.89	59.81	60.88	71.25	---	---	65.23	68.90	70.88	---	77.36
22	59.02	60.14	59.77	60.56	71.52	---	59.97	65.59	63.92	70.92	---	77.64
23	58.86	60.38	60.00	60.49	71.54	---	60.55	65.59	68.98	70.97	---	77.73
24	58.95	60.33	60.13	61.03	71.55	---	61.76	65.85	69.07	71.04	---	77.94
25	59.12	60.48	60.38	61.60	70.46	---	62.74	65.58	69.15	71.08	---	78.13
26	59.10	60.68	60.14	61.21	69.40	---	63.67	65.83	69.23	71.10	---	78.58
27	59.30	60.80	59.90	60.57	68.21	---	63.85	66.17	69.38	71.18	---	78.36
28	59.47	60.87	59.70	60.18	67.40	---	63.08	66.45	69.61	71.30	73.96	78.91
29	59.73	61.07	59.40	59.98	66.93	---	62.35	66.67	69.89	71.41	73.83	78.35
30	59.30	61.11	59.20	59.85	---	---	61.72	66.68	70.03	71.74	73.80	78.92
31	59.33	---	58.97	59.78	---	---	---	66.74	---	71.95	73.97	---
MEAN	60.45	59.97	60.29	59.75	67.81	---	---	62.23	68.42	71.03	---	75.35
MAX	64.81	61.11	61.00	61.84	71.55	---	---	66.74	70.03	71.95	---	78.92
MIN	58.70	59.08	58.97	57.52	60.16	---	---	58.22	66.60	70.35	---	73.46

HYDROGRAPH



GREENVILLE COUNTY

345335082185800. Local number, GRV-709.

LOCATION.--Lat 34°53'35", long 82°18'58", Hydrologic Unit 03050109, at Brushy Creek Elementary School northeast of Greenville.
Owner: School District of Greenville County.

AQUIFER.--Metamorphic rocks of Paleozoic to Precambrian age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 80 ft, cased to 6 ft, open hole from 6 to 80 ft.

DATUM.--Land-surface datum is 926 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 1.79 ft above land-surface datum.

PERIOD OF RECORD.--May 1973 to current year.

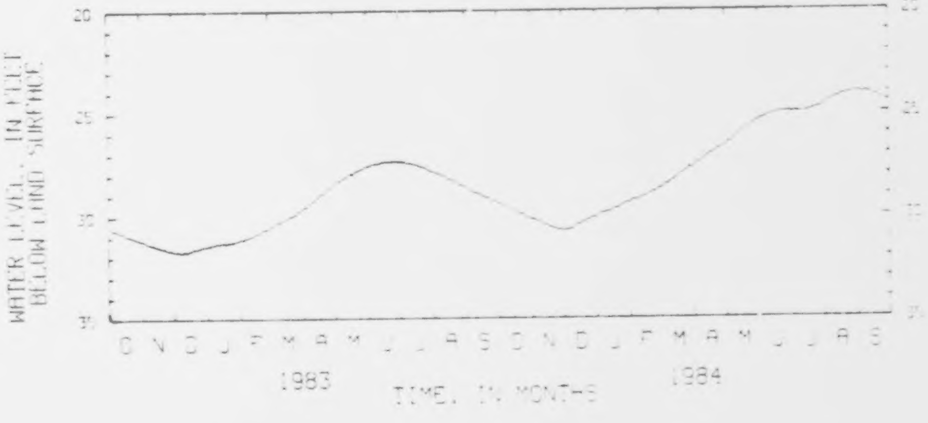
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.81 ft below land-surface datum, June 28, 1973; lowest, 34.19 ft below land-surface datum, Oct. 28, 1981 (estimated).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.38	30.17	30.74	30.05	29.35	28.71	27.63	26.61	25.40	25.01	24.63	24.06
2	29.40	30.18	30.73	30.01	29.33	28.66	27.59	26.55	25.36	25.03	24.64	24.04
3	29.42	30.17	30.69	29.97	29.27	28.64	27.54	26.46	25.33	25.02	24.59	24.01
4	29.44	30.19	30.69	29.92	29.23	28.61	27.44	26.46	25.32	24.99	24.55	24.02
5	29.46	30.23	30.72	29.89	29.21	28.53	27.43	26.48	25.31	24.98	24.52	24.06
6	29.51	30.26	30.65	29.85	29.24	28.49	27.42	26.42	25.28	24.99	24.48	24.08
7	29.55	30.29	30.70	29.88	29.27	28.51	27.41	26.38	25.26	24.98	24.44	24.10
8	29.57	30.31	30.66	29.88	29.25	28.45	27.39	26.29	25.23	25.02	24.41	24.10
9	29.59	30.31	30.65	29.86	29.20	28.46	27.33	26.25	25.20	25.02	24.39	24.05
10	29.62	30.31	30.61	29.79	29.18	28.39	27.29	26.22	25.18	25.00	24.36	24.02
11	29.62	30.36	30.54	29.82	29.16	28.35	27.24	26.17	25.16	24.98	24.33	24.04
12	29.64	30.41	30.48	29.84	29.14	28.33	27.21	26.12	25.15	24.99	24.33	24.08
13	29.67	30.43	30.45	29.80	29.09	28.27	27.16	26.07	25.13	25.02	24.31	24.09
14	29.73	30.45	30.41	29.76	29.08	28.25	27.11	26.02	25.11	25.04	24.29	24.08
15	29.75	30.44	30.42	29.74	29.09	28.21	27.06	26.01	25.10	25.02	24.28	24.11
16	29.78	30.49	30.43	29.69	29.05	28.15	27.03	25.97	25.10	24.98	24.24	24.19
17	29.80	30.53	30.41	29.69	29.02	28.13	27.01	25.94	25.07	24.96	24.21	24.23
18	29.81	30.56	30.36	29.65	29.00	28.08	27.00	25.88	25.05	24.94	24.18	24.22
19	29.84	30.57	30.32	29.65	28.96	28.03	26.98	25.82	25.04	24.96	24.16	24.19
20	29.87	30.55	30.32	29.65	28.94	27.96	26.96	25.78	25.04	24.92	24.17	24.19
21	29.90	30.62	30.29	29.63	28.92	27.95	26.92	25.77	25.03	24.89	24.20	24.24
22	29.91	30.64	30.23	29.62	28.91	27.95	26.86	25.74	25.02	24.88	24.14	24.32
23	29.89	30.64	30.21	29.57	28.84	27.93	26.78	25.69	25.01	24.88	24.09	24.35
24	29.94	30.63	30.19	29.50	28.84	27.88	26.79	25.68	25.00	24.85	24.12	24.35
25	29.98	30.70	30.19	29.48	28.84	27.80	26.78	25.63	25.00	24.83	24.13	24.35
26	30.00	30.71	30.16	29.48	28.82	27.81	26.76	25.60	25.00	24.80	24.12	24.38
27	30.05	30.69	30.13	29.42	28.73	27.75	26.73	25.58	25.00	24.78	24.08	24.45
28	30.08	30.66	30.07	29.40	28.70	27.63	26.70	25.53	25.00	24.79	24.06	24.44
29	30.10	30.71	30.08	29.38	28.73	27.71	26.68	25.48	24.98	24.78	24.05	24.46
30	30.14	30.73	30.13	29.36	---	27.74	26.62	25.47	24.97	24.74	24.03	24.50
31	30.15	---	30.09	29.38	---	27.69	---	25.43	---	24.70	24.04	---
MEAN	29.76	30.46	30.41	29.70	29.05	28.16	27.09	25.98	25.13	24.93	24.28	24.19
MAX	30.15	30.73	30.74	30.05	29.35	28.71	27.63	26.61	25.40	25.04	24.68	24.50
MIN	29.38	30.17	30.07	29.36	28.70	27.63	26.62	25.43	24.97	24.70	24.03	24.01

CAL YR 1983	MEAN	29.34	MAX	31.44	MIN	27.32
WTR YR 1984	MEAN	27.43	MAX	30.74	MIN	24.01

HYDROGRAPH



HAMPTON COUNTY

325005081122800. Local number, HAM-82.

LOCATION.--Lat 32°50'05", long 81°12'28", Hydrologic Unit 03050208, at the intersection of State Hwy. 363 and State Road 41, 5.7 mi west of Hampton on SC-363, at Hampton County landfill.
Owner: South Carolina Water Resources Commission.

AQUIFER.--Santee Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 200 ft, cased to 98 ft, open hole from 98 to 200 ft.

DATUM.--Land-surface datum is 125 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.80 ft. above land-surface datum.

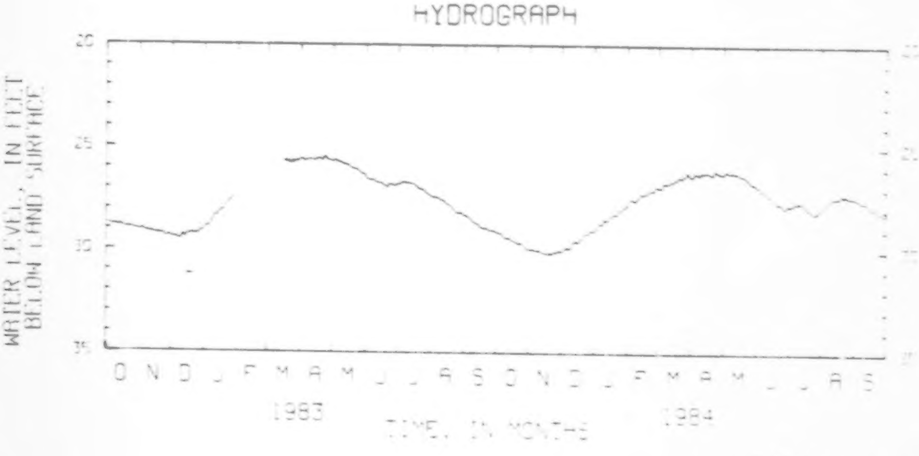
PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 25.43 below land-surface datum, Apr. 24, 1983; lowest, 30.91 ft below land-surface datum July 31, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.11	29.96	30.04	29.03	27.81	26.94	26.37	26.24	26.82	27.76	27.39	27.39
2	29.13	29.97	30.02	28.96	27.74	26.93	26.39	26.22	26.85	27.78	27.85	27.43
3	29.15	29.95	29.95	28.90	27.58	26.92	26.33	26.13	26.87	27.79	27.78	27.43
4	29.15	29.92	29.90	28.87	27.48	26.92	26.23	26.07	26.93	27.75	27.73	27.46
5	29.17	29.95	29.92	28.78	27.46	26.85	26.20	26.15	26.99	27.71	27.69	27.50
6	29.20	29.99	29.82	28.69	27.50	26.70	26.22	26.18	27.04	27.69	27.63	27.53
7	29.27	30.01	29.88	28.68	27.56	26.71	26.26	26.20	27.07	27.65	27.57	27.58
8	29.33	30.01	29.88	28.71	27.57	26.73	26.30	26.17	27.09	27.63	27.52	27.61
9	29.37	30.00	29.88	28.69	27.53	26.73	26.27	26.14	27.11	27.63	27.50	27.59
10	29.40	29.98	29.87	28.52	27.48	26.74	26.18	26.17	27.15	27.62	27.46	27.56
11	29.42	30.00	29.77	28.47	27.44	26.68	26.19	26.20	27.21	27.60	27.41	27.59
12	29.39	30.06	29.60	28.54	27.39	26.68	26.21	26.20	27.27	27.61	27.39	27.65
13	29.37	30.09	29.58	28.52	27.30	26.61	26.19	26.20	27.31	27.65	27.33	27.71
14	29.45	30.11	29.52	28.48	27.22	26.62	26.18	26.20	27.31	27.71	27.39	27.76
15	29.48	30.09	29.54	28.43	27.26	26.62	26.17	26.24	27.35	27.75	27.38	27.78
16	29.51	30.10	29.59	28.34	27.25	26.56	26.16	26.28	27.43	27.78	27.38	27.83
17	29.53	30.15	29.58	28.32	27.23	26.53	26.18	26.31	27.50	27.84	27.37	27.87
18	29.55	30.18	29.52	28.28	27.22	26.51	26.23	26.33	27.54	27.89	27.34	27.88
19	29.58	30.18	29.41	28.23	27.19	26.48	26.25	26.33	27.58	27.91	27.29	27.88
20	29.62	30.10	29.41	28.23	27.15	26.41	26.27	26.33	27.66	27.96	27.22	27.89
21	29.66	30.13	29.37	28.23	27.13	26.37	26.27	26.37	27.71	28.00	27.28	27.92
22	29.69	30.16	29.26	28.24	27.11	26.43	26.22	26.43	27.64	28.01	27.30	27.99
23	29.61	30.14	29.22	28.19	27.05	26.45	26.08	26.47	27.67	28.08	27.27	28.05
24	29.62	30.07	29.16	28.07	27.06	26.45	26.09	26.51	27.72	28.12	27.25	28.07
25	29.67	30.04	29.20	28.03	27.06	26.33	26.14	26.56	27.77	28.16	27.30	28.10
26	29.71	30.09	29.19	28.03	27.09	26.33	26.17	26.63	27.82	28.17	27.34	28.13
27	29.77	30.06	29.14	27.96	26.93	26.32	26.20	26.70	27.87	28.09	27.35	28.13
28	29.85	29.99	29.04	27.92	26.86	26.16	26.22	26.72	27.89	28.08	27.36	28.19
29	29.86	30.00	29.00	27.90	26.90	26.18	26.23	26.72	27.83	28.05	27.37	28.16
30	29.91	30.03	29.05	27.85	---	26.33	26.23	26.70	27.74	27.97	27.36	28.19
31	29.94	---	29.07	27.81	---	26.37	---	26.77	---	27.91	27.36	---
MEAN	29.50	30.05	29.53	28.38	27.29	26.57	26.22	26.35	27.39	27.85	27.44	27.80
MAX	29.94	30.18	30.04	29.03	27.81	26.94	26.39	26.77	27.89	28.17	27.39	28.19
MIN	29.11	29.92	29.00	27.81	26.86	26.16	26.08	26.07	26.82	27.60	27.22	27.39

WTR YR 1984 MEAN 27.87 MAX 30.18 MIN 26.07



HAMPTON COUNTY

324143080505900. Local number, HAM-83.

LOCATION.--Lat 32°41'43", long 80°50'59", Hydrologic Unit 03050208, northwest of Ebenezer Methodist Church, 170 ft northeast and 80 ft northwest of intersection of State Road 44 and State Road 10, 0.4 mi northwest of the intersection of State Road 44 and U.S. Hwy. 17A-21 in Yemassee.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Hawthorn Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 190 ft, cased to 85.5 ft, open hole from 85.5 to 190 ft.

DATUM.--Land-surface datum is 45 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.

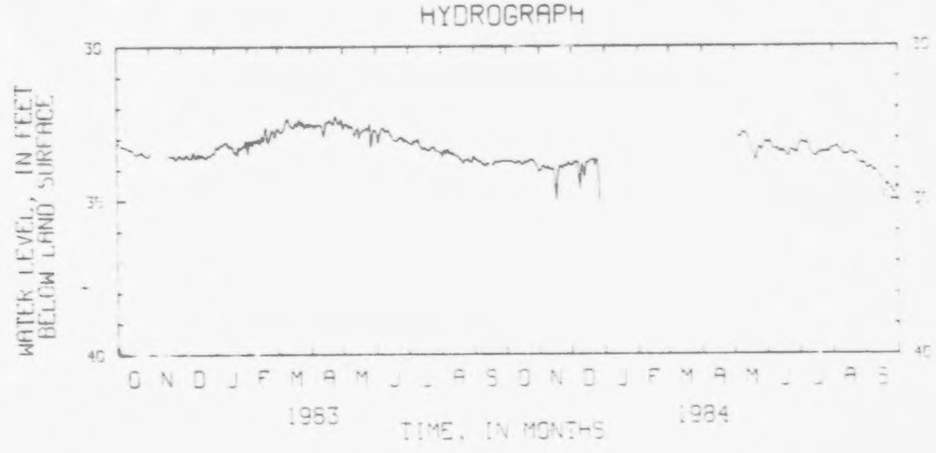
REMARKS.--1976 Caliper, electric, and gamma logs available in District files.

PERIOD OF RECORD.--May 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 32.26 ft below land-surface datum, Apr. 24, 1983; lowest, 36.48 ft below land-surface datum, Jan. 4, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.73	34.03	33.86					---	33.16	33.19	33.32	33.97
2	33.73	34.05	33.87					---	33.11	33.13	33.30	33.97
3	33.73	33.98	33.80					32.80	33.07	33.15	33.28	34.01
4	33.74	33.87	33.74					32.83	33.16	33.11	33.26	33.96
5	33.72	33.88	33.78					32.96	33.22	33.14	33.26	33.92
6	33.72	33.93	33.72					32.97	33.30	33.18	33.32	33.96
7	33.76	33.98	33.81					32.95	33.35	33.14	33.34	34.01
8	33.80	33.96	34.26					32.81	33.35	33.16	33.38	34.08
9	33.78	33.91	34.64					32.79	33.34	33.21	33.45	34.02
10	33.80	33.95	34.00					32.84	33.32	33.36	33.52	34.06
11	33.76	34.00	33.83					32.82	33.36	33.39	33.53	34.10
12	33.74	34.00	34.03					32.86	33.43	33.48	33.55	34.17
13	33.72	33.98	34.23					32.92	33.46	33.55	33.52	34.21
14	33.79	33.99	33.92					32.98	33.37	33.57	33.53	34.25
15	33.83	34.18	33.76					33.08	33.43	33.59	33.52	34.29
16	33.83	34.60	33.78					33.24	33.40	33.60	33.50	34.76
17	33.83	34.99	33.78					33.38	33.44	33.57	33.46	34.94
18	33.75	34.26	33.70					33.42	33.52	33.49	33.46	34.99
19	33.76	34.07	33.71					33.48	33.54	33.49	33.46	34.73
20	33.75	33.88	33.69					33.56	33.59	33.47	33.47	34.47
21	33.76	33.89	33.66					33.72	33.59	33.46	33.53	34.50
22	33.74	33.96	33.71					33.60	33.41	33.40	33.51	34.52
23	33.67	33.97	33.89					33.44	33.37	33.45	33.53	34.60
24	33.69	33.85	33.87					33.30	33.37	33.45	33.70	34.66
25	33.70	33.88	33.73					33.29	33.41	33.45	33.73	34.64
26	33.69	33.91	34.07					33.38	33.43	33.44	33.80	34.75
27	33.76	33.85	34.93					33.34	33.43	33.40	33.85	34.82
28	33.81	33.77	35.08					33.28	33.49	33.47	33.80	34.67
29	33.85	33.83	---					33.15	33.46	33.40	33.83	34.56
30	33.91	33.86	---					33.09	33.26	33.36	33.83	34.59
31	34.06	---	---					33.13	---	33.32	33.32	---
MEAN	33.77	34.01	---					---	33.37	33.37	33.53	34.37
MAX	34.06	34.99	---					---	33.59	33.60	33.85	34.99
MIN	33.67	33.77	---					---	33.07	33.11	33.26	33.92



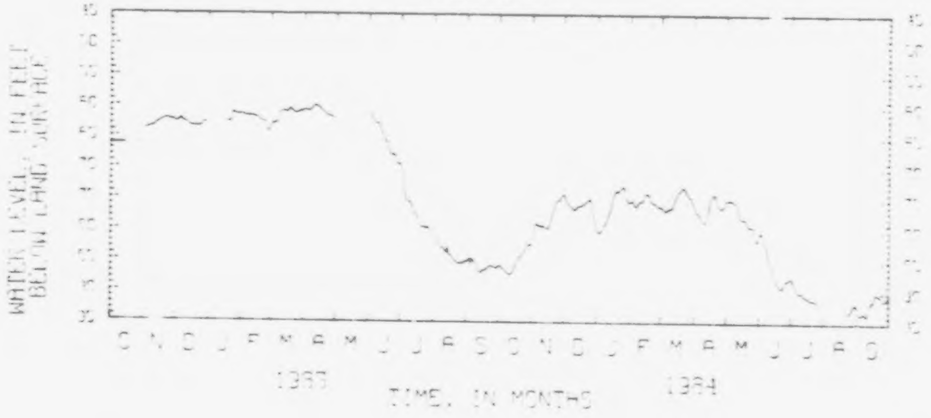
HORRY COUNTY

334747078435400. Local number, HO-269 (Revision).
LOCATION.--Lat 33°47'47", long.78°43'54", Hydrologic Unit 03040207, Windy Hill Park.
Owner: City of North Myrtle Beach.
AQUIFER.--Pee Dee and Black Creek Formations.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter [illegible] in, depth 416 ft, screens located at unknown intervals below 201 ft (Revision). 1982 geophysical logs, data source.
DATUM.--Land-surface datum is 20 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.
REMARKS.--Previously published as HO-433. Aug, 1982 geophysical logs available in District Files.
PERIOD OF RECORD.--June 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.17 ft below land-surface datum, Dec. 16, 1977; lowest, 93.70 ft below land-surface datum, Sept. 10, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85.74	81.67	74.10	79.99	75.40	76.27	76.18	75.08	80.57	87.65	---	92.31
2	85.74	80.73	74.34	80.34	75.25	76.30	76.65	75.08	80.25	87.92	---	93.03
3	85.87	79.90	74.85	80.40	75.16	76.46	76.95	75.10	80.45	88.27	---	93.50
4	86.05	79.21	75.27	80.31	75.40	76.68	77.12	75.10	81.00	88.71	---	93.56
5	86.24	78.87	75.63	80.11	75.83	76.83	77.20	75.02	81.46	89.12	---	93.42
6	86.41	79.08	75.83	79.82	76.11	76.31	77.36	74.97	81.93	89.36	---	93.30
7	86.57	79.26	75.99	79.50	76.09	76.67	77.63	75.18	82.42	89.85	---	93.21
8	86.72	79.20	76.16	79.21	75.82	76.47	78.06	75.38	83.01	90.09	---	93.37
9	86.89	79.38	76.29	78.93	75.51	76.39	78.49	75.49	83.83	90.04	---	93.65
10	87.06	79.35	76.51	78.56	75.33	76.44	78.66	75.60	84.66	89.97	---	93.70
11	87.15	79.28	76.71	78.13	75.26	76.37	78.61	75.99	85.39	90.04	---	93.08
12	87.16	79.32	76.64	77.68	75.21	76.19	78.45	76.63	85.88	90.34	---	92.41
13	87.04	79.48	76.38	77.24	75.17	75.72	77.84	77.27	86.30	90.47	---	92.01
14	86.78	79.65	76.20	76.70	74.75	75.19	76.92	77.80	86.72	90.62	---	91.43
15	86.46	79.73	76.07	75.94	74.24	74.75	76.04	78.04	87.14	90.70	---	91.47
16	86.15	79.67	76.00	75.13	74.03	74.33	75.36	78.13	87.59	90.75	---	91.34
17	85.83	79.41	76.01	74.38	73.98	73.92	74.82	78.16	88.05	90.87	---	90.77
18	85.4[illegible]	79.08	75.97	73.80	74.05	73.66	74.42	78.11	88.52	91.04	---	90.21
19	85.[illegible]1	78.39	75.85	73.56	74.41	73.52	74.13	78.21	88.80	91.16	---	90.11
20	84.63	77.63	75.70	73.66	74.92	73.28	74.02	78.65	89.07	91.24	---	90.22
21	84.33	76.99	75.61	73.76	75.28	73.03	74.39	79.11	89.30	91.13	93.48	90.37
22	84.14	76.53	75.47	73.54	75.48	73.03	75.11	79.27	89.30	91.15	93.44	90.37
23	83.94	76.12	75.36	73.29	75.49	73.18	75.76	79.34	89.14	91.26	93.30	90.67
24	83.71	75.70	75.15	73.13	75.57	73.37	76.16	79.38	88.83	91.33	93.15	91.04
25	83.49	75.31	74.95	72.98	75.70	73.77	76.29	79.36	88.57	91.60	93.02	91.21
26	83.18	75.15	75.02	72.91	75.92	74.16	76.30	79.53	88.22	91.97	92.89	91.22
27	82.78	75.09	75.81	73.21	76.12	74.43	76.29	80.38	88.01	92.22	92.60	91.24
28	82.45	75.02	76.70	74.07	76.11	74.59	76.25	81.26	88.01	---	92.15	91.39
29	82.30	74.73	77.71	74.86	76.18	74.62	75.97	81.68	87.83	---	91.79	90.60
30	82.47	74.39	78.69	75.38	---	75.02	75.46	81.66	87.65	---	91.76	90.46
31	82.38	---	79.45	75.81	---	75.56	---	81.16	---	---	92.05	---
MEAN	85.16	78.11	76.01	76.32	75.30	75.06	76.43	77.78	85.93	---	---	91.81
MAX	87.16	81.67	79.45	80.40	76.18	76.83	78.66	81.68	89.30	---	---	93.70
MIN	82.30	74.39	74.10	72.91	73.98	73.03	74.02	74.97	80.25	---	---	90.11

HYDROGRAPH



335115079033500. Local number, HO-307.

LOCATION.--Lat 33°50'58", long 79°03'27", Hydrologic Unit 03040206, 0.75 mi northeast from Intersection 701 and 501, at Collins Park in Conway.
  Owner: City of Conway.

AQUIFER.--Sands of Pee Dee and Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 438 ft, casing depth and screen interval unknown.

DATUM.--Land-surface datum is 20 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--Also known as HO-1 and HO-53.

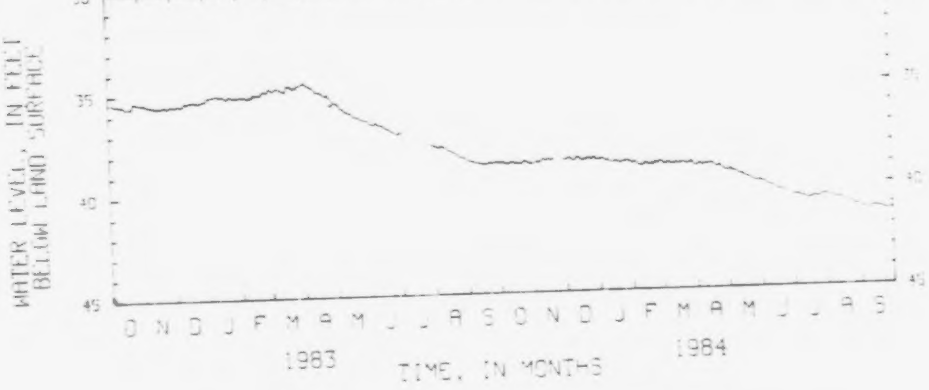
PERIOD OF RECORD.--May 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.91 ft below land-surface datum, Oct. 12, 1974; lowest, 41.39 ft below land-surface datum, Sept. 27, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38.66	38.73	38.59	38.63	38.81	38.88	39.01	39.31	39.86	40.57	40.57	41.20
2	38.66	38.73	38.60	38.60	38.84	38.89	39.03	39.31	39.87	40.57	40.60	41.23
3	38.65	38.70	38.54	38.59	38.81	38.91	39.02	39.25	39.88	40.55	40.61	41.22
4	38.65	38.66	38.50	38.58	38.76	38.93	38.95	39.22	39.90	40.57	40.64	41.22
5	38.65	38.66	38.53	38.56	38.78	38.98	38.90	39.32	39.95	40.57	40.67	41.26
6	38.68	38.67	38.48	38.56	38.82	38.82	38.95	39.34	39.98	40.59	40.69	41.30
7	38.72	38.67	38.56	38.62	38.89	38.85	38.98	39.35	40.01	40.60	40.70	41.34
8	38.73	38.67	38.60	38.68	38.94	38.88	39.01	39.34	40.03	40.63	40.73	41.36
9	38.72	38.62	38.63	38.70	38.94	38.90	38.99	39.36	40.07	40.65	40.77	41.33
10	38.72	38.51	38.64	38.62	38.95	38.92	38.94	39.42	40.08	40.66	40.75	41.27
11	38.68	38.53	38.60	38.65	38.94	38.89	38.95	39.47	40.10	40.66	40.70	41.23
12	38.66	38.58	38.48	38.75	38.95	38.92	38.98	39.48	40.12	40.69	40.72	41.23
13	38.64	38.59	38.48	38.76	38.92	38.86	38.96	39.50	40.15	40.73	40.74	41.19
14	38.67	38.59	38.49	38.75	38.82	38.88	38.95	39.49	40.18	40.77	40.77	41.20
15	38.69	38.55	38.54	38.75	38.87	38.91	38.93	39.51	40.22	40.74	40.80	41.21
16	38.70	38.53	38.60	38.72	38.89	38.88	38.91	39.55	40.26	40.72	40.83	41.22
17	38.70	38.57	38.63	38.74	38.90	38.90	38.94	39.60	40.28	40.73	40.85	41.25
18	38.70	38.60	38.62	38.72	38.91	38.90	38.99	39.63	40.28	40.72	40.87	41.24
19	38.71	38.59	38.57	38.70	38.91	38.88	39.04	39.63	40.28	40.71	40.88	41.23
20	38.73	38.53	38.61	38.77	38.89	38.86	39.08	39.64	40.31	40.64	40.90	41.24
21	38.74	38.52	38.61	38.78	38.91	38.82	39.11	39.68	40.34	40.65	40.95	41.26
22	38.74	---	38.53	38.81	38.94	38.88	39.11	39.72	40.38	40.66	40.95	41.32
23	38.66	---	38.54	38.78	38.78	38.93	39.03	39.73	40.41	40.68	40.98	41.34
24	38.59	---	38.52	38.72	38.83	38.95	39.06	39.76	40.44	40.70	41.01	41.33
25	38.61	---	38.58	38.71	38.84	38.88	39.12	39.79	40.46	40.69	41.06	41.33
26	38.63	---	38.59	38.76	38.89	38.88	39.18	39.81	40.48	40.64	41.09	41.34
27	38.67	---	38.58	38.69	38.80	38.91	39.21	39.84	---	40.58	41.08	41.39
28	38.72	---	38.50	38.69	38.75	38.81	39.25	39.84	---	40.55	41.09	41.38
29	38.70	38.51	38.50	38.71	38.82	38.84	39.29	39.83	40.53	40.57	41.10	41.30
30	38.74	38.56	38.60	38.72	---	38.96	39.28	39.81	40.54	40.57	41.12	41.32
31	38.73	---	38.63	38.77	---	39.01	---	39.83	---	40.54	41.15	---
MEAN	38.69	---	38.56	38.70	38.87	38.89	39.04	39.56	---	40.64	40.85	41.29
MAX	38.74	---	38.64	38.81	38.95	39.01	39.29	39.84	---	40.77	41.15	41.39
MIN	38.39	---	38.48	38.56	38.75	38.81	38.90	39.22	---	40.54	40.57	41.19

HYDROGRAPH



323111080592000. Local number, JAS-144.

LOCATION.--Lat 32°31'11", long 80°59'20", Hydrologic Unit 03050208, 3.5 mi northwest of Ridgeland, 200 ft north of State Road 175, 0.1 mi east of the intersection of State Road 39 and State Road 175 and 1.6 mi west of the intersection of State Road 175 and U.S. Hwy. 17.
Owner: Ted Roach

AQUIFER.--Hawthorn Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 189 ft, cased to 104 ft, open hole from 104 to 189 ft.

DATUM.--Land-surface datum is 92 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 1.6 ft above land-surface datum.

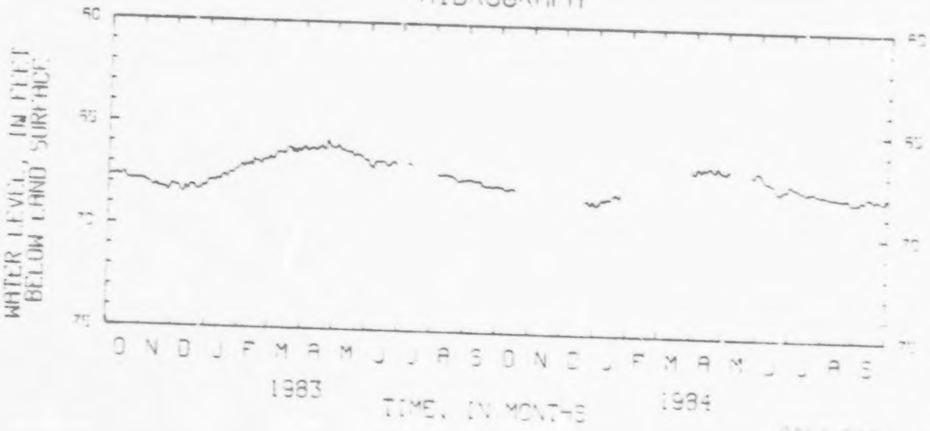
PERIOD OF RECORD.--February 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 64.78 ft below land-surface datum, Apr. 15, 1975; lowest, 69.50 ft below land-surface datum, Nov. 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67.83		---	68.66		---	66.96	66.95	66.88	67.47	67.92	68.27
2	67.86		---	68.63		---	67.00	66.94	66.90	67.52	67.98	68.27
3	67.87		---	68.58		---	66.94	66.87	66.97	67.55	67.96	68.26
4	67.86		---	68.55		---	66.80	66.79	67.07	67.59	67.99	68.25
5	67.86		---	68.44		---	66.70	66.83	67.18	67.59	68.01	68.13
6	67.89		---	68.37		---	66.75	---	67.25	67.62	68.02	68.14
7	67.98		---	68.35		---	66.82	---	67.32	67.62	68.03	68.17
8	67.99		---	68.42		---	66.89	---	67.34	67.64	68.03	68.16
9	67.99		---	68.44		---	66.83	---	67.34	67.71	68.04	68.11
10	67.99		---	68.35		---	66.75	---	67.36	67.74	68.04	67.98
11	67.99		---	68.34		---	66.77	---	67.38	67.75	68.05	67.96
12	67.96		---	68.34		---	66.80	---	67.42	67.75	68.06	67.97
13	67.92		---	68.36		---	66.77	---	67.45	67.76	68.05	67.99
14	67.91		---	68.32		---	66.73	---	67.45	67.85	68.06	67.99
15	67.92		---	68.29		---	66.70	---	67.49	67.87	68.08	68.01
16	67.96		---	68.21		---	66.66	---	67.62	67.85	68.10	68.09
17	68.00		---	68.17		---	66.69	---	67.77	67.84	68.09	68.14
18	67.99		---	68.15		---	66.76	---	67.82	67.83	68.09	68.11
19	---		---	68.06		---	66.82	---	67.82	67.79	68.09	68.08
20	---		68.51	68.13		---	66.87	---	67.86	67.80	68.08	68.07
21	---		68.52	68.16		---	66.88	---	67.97	67.79	68.08	68.06
22	---		68.45	68.26		---	66.84	---	67.90	67.76	68.07	68.08
23	---		68.43	68.20		---	66.67	---	67.77	67.80	68.06	68.14
24	---		68.42	68.06		---	66.67	67.07	67.74	67.86	68.06	68.17
25	---		68.56	---		---	66.77	67.07	67.71	67.87	68.17	68.18
26	---		68.58	---		---	66.85	67.07	67.71	67.89	68.26	68.19
27	---		68.63	---		---	66.88	67.08	67.71	67.90	68.29	68.19
28	---		68.51	---		---	66.89	67.06	67.68	67.94	68.28	68.19
29	---		68.46	---		66.60	66.94	66.93	67.51	67.96	68.28	68.05
30	---		68.53	---		66.86	66.94	66.85	67.44	67.93	68.28	68.02
31	---		68.65	---		66.95	---	66.86	---	67.90	68.27	---
MEAN	---		---	---		---	66.81	---	67.49	67.77	68.09	68.11
MAX	---		---	---		---	67.00	---	67.97	67.96	68.29	68.27
MIN	---		---	---		---	66.66	---	66.88	67.47	67.92	67.96

HYDROGRAPH



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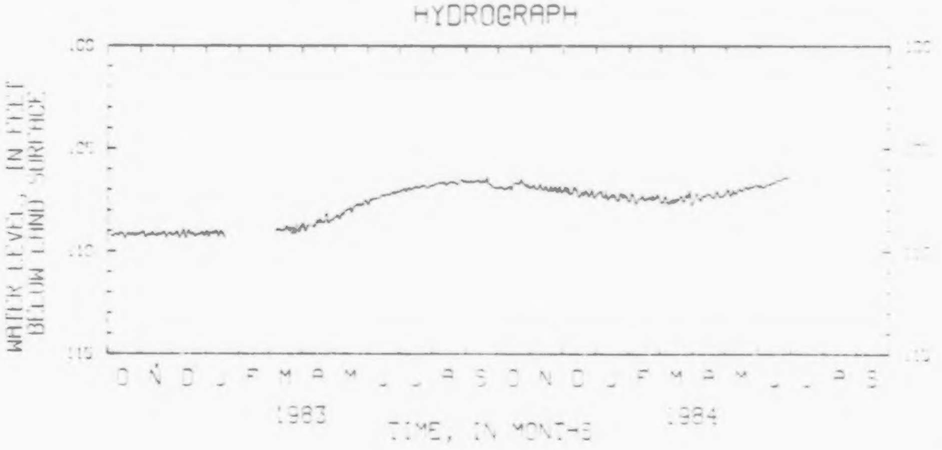
KERSHAW COUNTY

341004080474000. Local number, KER-100.
LOCATION.--Lat 34°10'04", long 80°47'40", Hydrologic unit 03050104, 100 ft east of junction at SC-102 and SC-275 in Elgin. Owner: Town of Elgin.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 3 in, depth 233 ft, screened intervals 110-115, 151-156, 166-171, 181-186, 198-203, 223-228 ft.
DATUM.--Land-surface datum is 405 ft National Geodetic Vertical Datum of 1929. Measuring point: At floor level, .50 ft above land-surface datum (Revised).
REMARKS.--Caliper logged Aug. 17, 1978, depth 218 ft. Gamma logged Aug. 10, 1978, depth 219 ft.
PERIOD OF RECORD.--July 1981 to June 1984. Station discontinued.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 106.35 ft below land-surface datum, June 29, 1984; lowest, 111.29 ft below land-surface datum, Feb. 26, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	106.92	106.93	107.08	107.28	107.56	107.70	107.54	107.21	106.87			
2	106.90	106.88	107.03	107.18	107.53	107.57	107.53	107.11	106.78			
3	106.89	106.78	106.87	107.16	107.21	107.59	107.41	106.94	106.79			
4	106.86	106.74	106.91	107.11	107.14	107.62	107.14	107.03	106.85			
5	106.85	106.90	107.12	107.06	107.29	107.33	107.19	107.34	106.91			
6	106.94	106.97	106.88	107.06	107.51	107.30	107.40	107.23	106.88			
7	106.99	106.98	107.26	107.33	107.69	107.67	107.49	107.20	106.82			
8	106.96	106.96	107.16	107.38	107.66	107.57	107.54	107.01	106.78			
9	106.93	106.83	107.19	107.36	107.44	107.69	107.34	107.13	106.74			
10	106.95	106.70	107.15	107.02	107.43	107.60	107.26	107.18	106.72			
11	106.86	106.86	106.96	107.28	107.41	107.47	107.30	107.16	106.72			
12	106.84	107.02	106.82	107.54	107.40	107.65	107.35	107.07	106.74			
13	106.86	106.97	106.99	107.41	107.30	107.44	107.25	107.01	106.70			
14	107.04	106.98	107.01	107.32	107.30	107.58	107.20	106.91	106.63			
15	106.84	106.80	107.24	107.31	107.56	107.60	107.19	107.03	106.65			
16	106.71	106.92	107.37	107.19	107.48	107.40	107.17	107.03	106.68			
17	106.68	107.07	107.30	107.33	107.41	107.49	107.26	107.04	106.60			
18	106.66	107.08	107.18	107.22	107.46	107.48	107.37	106.95	106.50			
19	106.65	106.99	107.08	107.32	107.41	107.40	107.39	106.82	106.51			
20	106.71	106.78	107.27	107.49	107.34	107.27	107.37	106.85	106.55			
21	106.71	107.07	107.22	107.50	107.42	107.30	107.29	106.94	106.56			
22	106.68	107.06	106.99	107.55	107.50	107.56	107.17	106.98	106.48			
23	106.47	106.92	107.12	107.35	107.23	107.60	107.01	106.86	106.47			
24	106.57	106.83	107.13	107.12	107.47	107.50	107.19	106.89	106.42			
25	106.69	107.08	107.36	107.22	107.41	107.21	107.33	106.84	106.40			
26	106.69	107.16	107.28	107.42	107.43	107.37	107.34	106.83	106.43			
27	106.81	106.96	107.20	107.19	107.21	107.34	107.32	106.88	106.43			
28	106.84	106.82	106.95	107.28	107.25	106.95	107.28	106.82	106.40			
29	106.73	107.05	107.16	107.33	107.59	107.33	107.31	106.73	106.35			
30	106.89	107.15	107.41	107.34	---	107.77	107.18	106.75	---			
31	106.85	---	107.36	107.53	---	107.68	---	106.80	---			
MEAN	106.81	106.94	107.13	107.30	107.42	107.48	107.30	106.99	---			
MAX	107.04	107.16	107.41	107.55	107.69	107.77	107.54	107.34	---			
MIN	106.47	106.70	106.82	107.02	107.14	106.95	107.01	106.73	---			



LEE COUNTY

341405080110100. Local number, LE-23.

LOCATION.--Lat 34°14'05", long 80°11'01", Hydrologic Unit 03040202, 395 ft east and 450 ft north of the cemetery near Wayside Church and SC-31-22 near Bishopville.
Owner: Robert W. Merck.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 350 ft, cased to 350 ft. Open hole.

DATUM.--Land-surface datum is 205 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3 ft above land-surface datum.

REMARKS.-June 3, 1977, Gamma logged to 350 ft. April, 1980, Gamma logged to 338 ft.

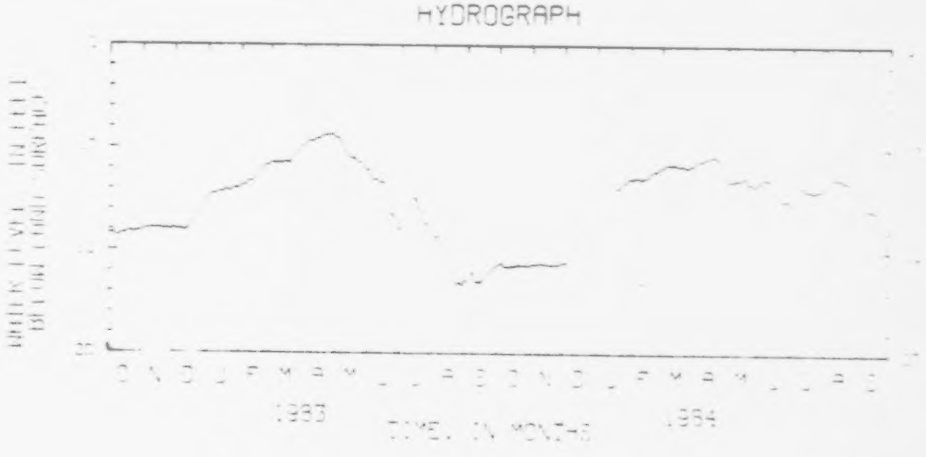
PERIOD OF RECORD.--June 1980 to current year.

EXTREMES OF PERIOD OF RECORD.--Highest mean water level 9.32 ft below land-surface datum, Apr. 26, 1983; lowest, 17.37 ft below land-surface datum, June 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.60	15.64	15.56	---	11.46	10.90	10.76	11.51	11.61	12.76	11.84	12.00
2	15.63	15.64	15.56	---	11.46	10.88	10.70	11.56	11.58	12.70	11.81	12.03
3	15.58	15.64	15.55	---	11.47	10.87	10.64	11.57	11.54	12.62	11.78	12.14
4	15.57	15.65	15.49	---	11.47	10.84	10.61	11.56	11.48	12.52	11.73	12.33
5	15.69	15.65	15.41	---	11.46	10.80	10.60	11.60	11.45	12.41	11.66	12.55
6	15.76	15.64	15.33	---	11.43	10.77	10.59	11.59	11.44	12.30	11.57	12.77
7	15.76	15.61	15.24	---	11.42	10.76	10.59	11.56	11.45	12.19	11.50	12.87
8	15.76	15.60	15.13	---	11.42	10.77	10.57	11.53	11.49	12.09	11.47	12.95
9	15.76	15.60	15.02	---	11.44	10.78	10.54	11.51	11.51	11.99	11.45	13.00
10	15.76	15.61	14.90	---	11.47	10.80	10.51	11.52	11.62	11.92	11.46	12.98
11	15.75	15.61	14.74	---	11.49	10.80	10.49	11.53	11.70	11.85	11.46	12.95
12	15.75	15.63	14.54	---	11.48	10.78	10.47	11.52	11.79	11.82	11.45	12.94
13	15.74	15.65	14.34	---	11.46	10.77	10.46	11.49	11.91	11.92	11.43	12.96
14	15.74	15.65	14.16	---	11.44	10.77	10.45	11.48	11.96	12.01	11.41	12.98
15	15.74	15.65	14.00	---	11.42	10.80	10.43	11.45	11.98	12.03	11.41	13.00
16	15.73	15.66	13.86	---	11.41	10.83	10.40	11.42	12.05	12.04	11.45	13.00
17	15.71	15.67	13.72	11.99	11.38	10.86	10.37	11.40	12.16	12.04	11.50	12.99
18	15.69	15.69	13.57	11.97	11.34	10.86	10.36	11.43	12.26	12.04	11.55	13.13
19	15.68	15.69	13.42	11.96	11.27	10.83	10.37	11.57	12.41	12.06	11.58	13.35
20	15.68	15.69	---	11.95	11.20	10.83	10.40	11.69	12.48	12.09	11.59	13.57
21	15.69	15.66	---	11.93	11.15	10.84	10.45	11.71	12.50	12.11	11.59	13.66
22	15.70	15.65	---	11.89	11.12	10.86	10.48	11.70	12.53	12.11	11.62	13.79
23	15.71	15.65	---	11.82	11.10	10.90	10.48	11.69	12.56	12.08	11.66	13.93
24	15.71	15.66	---	11.77	11.10	10.93	10.54	11.70	12.54	12.06	11.70	14.12
25	15.70	15.66	---	11.72	11.09	10.93	10.82	11.79	12.52	12.04	11.74	14.22
26	15.70	15.66	---	11.68	11.07	10.90	11.09	11.85	12.50	12.02	11.78	14.37
27	15.70	15.65	---	11.66	11.03	10.88	11.24	11.84	12.50	12.01	11.80	14.43
28	15.72	15.60	---	11.62	10.97	10.85	11.34	11.80	12.61	11.99	11.84	14.56
29	15.73	15.57	---	11.57	10.93	10.82	11.42	11.74	12.74	11.97	11.88	14.72
30	15.71	15.56	---	11.51	---	10.81	11.46	11.69	12.78	11.92	11.92	14.73
31	15.67	---	---	11.47	---	10.80	---	11.65	---	11.88	11.96	---
MEAN	15.71	15.64	---	---	11.31	10.83	10.65	11.60	12.06	12.12	11.63	13.30
MAX	15.76	15.69	---	---	11.49	10.93	11.46	11.85	12.78	12.76	11.96	14.73
MIN	15.57	15.56	---	---	10.93	10.76	10.36	11.40	11.44	11.82	11.41	12.00

HYDROGRAPH



MARION COUNTY

335143079195000. Local number, MRN-77.

LOCATION.--Lat 33°51'43", long 79°19'50", Hydrologic Unit 03040201, approximately 500 ft south of Britton Neck's fire tower, near the intersection of county road 908 and U.S. 378, and 16.2 mi west of Conway.

Owner: U.S. Geological Survey; on property owned by South Carolina Forestry Commission.

AQUIFER.--Sands of the Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, from surface to 322 ft, 3 in, from 322 to 356 ft, depth 356 ft, screened intervals 325-335, 345-355 ft.

DATUM.--Land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.15 ft above land-surface datum.

REMARKS.--Record estimated May 31, 1984.

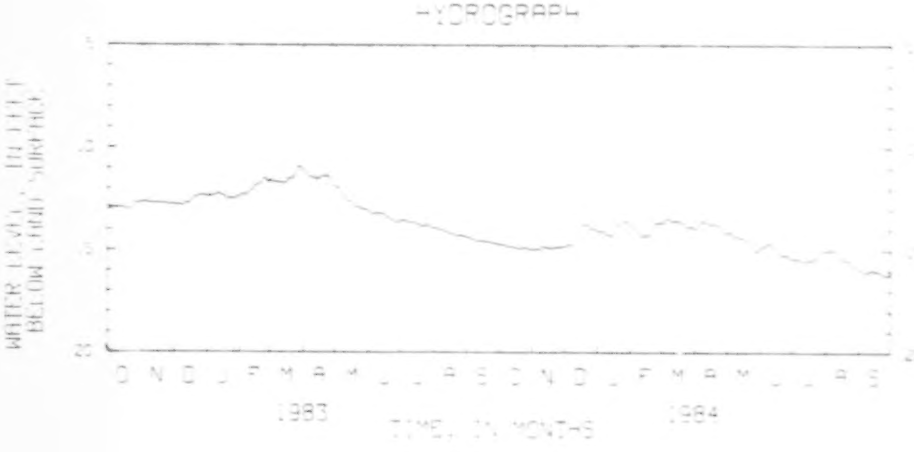
PERIOD OF RECORD.--July 1982 to current year.

EXTREMES OF PERIOD OF RECORD.--Highest mean water level 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 16.25 ft below land-surface datum, Sept. 27, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.71	14.99	14.83	14.07	13.83	13.68	13.95	14.17	14.85	15.39	15.02	15.90
2	14.72	14.98	14.83	14.08	13.89	13.63	13.94	14.18	14.83	15.43	15.02	15.93
3	14.73	14.96	14.79	14.08	13.88	13.60	13.88	14.12	14.82	15.43	15.00	15.94
4	14.73	14.92	14.74	14.07	13.88	13.57	13.74	14.10	14.81	15.44	14.99	15.96
5	14.73	14.93	14.77	14.05	13.94	13.49	13.62	14.22	14.80	15.41	14.98	[illegible]
6	14.76	14.95	14.71	14.05	14.02	13.42	13.60	14.28	14.74	15.41	14.97	16.05
7	14.80	14.96	14.75	14.11	14.12	13.45	13.59	14.31	14.69	15.43	14.95	16.10
8	14.81	14.96	14.73	14.17	14.19	13.49	13.61	14.32	14.67	15.44	14.96	16.12
9	14.82	14.91	14.72	14.22	14.21	13.54	13.61	14.30	14.67	15.49	15.00	16.09
10	14.83	14.78	14.68	14.18	14.26	13.58	13.58	14.35	14.68	15.51	15.04	[illegible]
11	14.82	14.79	14.61	14.23	14.30	13.58	13.61	14.39	14.72	15.52	15.08	15.99
12	14.82	14.85	14.44	14.31	14.34	13.63	13.67	14.40	14.78	15.54	15.13	[illegible]
13	14.82	14.87	14.36	14.30	14.35	13.55	13.70	14.40	14.85	15.58	15.20	15.98
14	14.85	14.88	14.24	14.27	14.22	13.55	13.72	14.39	14.88	15.53	15.27	15.95
15	14.88	14.85	14.13	14.25	14.28	13.57	13.73	14.38	14.92	15.46	15.33	15.96
16	14.88	14.84	14.01	14.19	14.29	13.55	13.71	14.40	14.99	15.45	15.39	15.99
17	14.89	14.89	13.91	14.15	14.28	13.59	13.72	14.45	15.07	15.47	15.42	[illegible]
18	14.89	14.92	13.82	14.01	14.26	13.63	13.73	14.49	15.14	15.48	15.45	[illegible]
19	14.90	14.91	13.73	13.85	14.22	13.65	13.74	14.50	15.18	15.49	15.46	[illegible]
20	14.92	14.84	13.75	13.79	14.13	13.68	13.75	14.53	15.20	15.48	15.48	[illegible]
21	14.93	14.85	13.74	13.75	14.04	13.67	13.78	14.61	15.25	15.45	15.51	[illegible]
22	14.94	14.88	13.70	13.75	13.90	13.78	13.81	14.70	15.24	15.42	15.53	[illegible]
23	14.87	14.87	13.75	13.72	13.66	13.86	13.77	14.77	15.23	15.40	15.53	[illegible]
24	14.83	14.84	13.79	13.65	13.66	13.91	13.85	14.83	15.25	15.36	15.58	[illegible]
25	14.85	14.83	13.90	13.62	13.67	13.85	13.95	14.90	15.26	15.27	15.65	[illegible]
26	14.87	14.87	13.95	13.63	13.73	13.89	14.02	14.96	15.25	15.13	15.70	[illegible]
27	14.90	14.85	13.97	13.54	13.66	13.92	14.07	15.02	15.30	15.06	15.74	16.25
28	14.94	14.80	13.91	13.56	13.62	13.81	14.11	15.06	15.35	15.03	15.77	16.24
29	14.93	14.81	13.90	13.61	13.67	13.82	14.15	15.07	15.39	15.02	15.80	[illegible]
30	14.97	14.84	14.01	13.66	---	13.93	14.15	15.08	15.38	15.02	15.82	[illegible]
31	14.98	---	14.05	13.75	---	13.96	---	14.96	---	15.00	15.85	---
MEAN	14.85	14.88	14.23	13.96	14.02	13.67	13.80	14.54	15.01	15.37	15.34	16.06
MAX	14.98	14.99	14.83	14.31	14.35	13.96	14.15	15.08	15.39	15.58	15.85	16.25
MIN	14.71	14.78	13.70	13.54	13.62	13.42	13.58	14.10	14.67	15.00	14.95	15.90

CAL YR 1983 MEAN 13.31 MAX 14.99 MIN 10.88
WTR YR 1984 MEAN 14.64 MAX 16.25 MIN 13.42



342935079431000. Local number, MLB-110.

LOCATION.--Lat 34°29'35", long 79°43'10", Hydrologic Unit 03040201, 154 ft north of S-35-264 and 150 ft east of S-35-57, south of railroad tracks at Oak River Mills in Bennettsville.
Owner: Oak River Mills.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 10 in, depth 115 ft, screened interval 75-115 ft.

DATUM.--Land-surface datum is 95 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

REMARKS.--1957 water-quality analysis on file in District office.

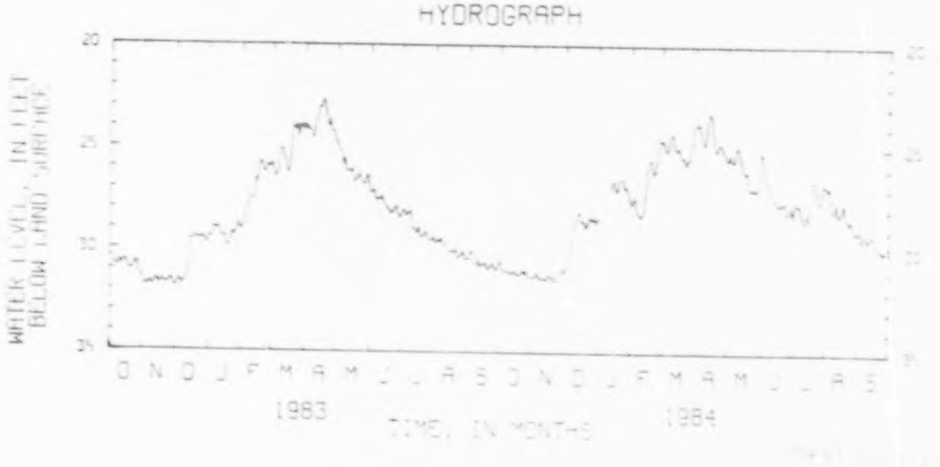
PERIOD OF RECORD.--July 1981 to current year.

EXTREMES OF PERIOD OF RECORD.--Highest mean water level 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 32.59 ft below land-surface datum, Oct. 9, 1981.

WATER LEVEL, IN FFET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.53	31.31	30.99	28.43	27.69	24.73	23.89	25.56	25.50	28.00	26.73	28.99
2	30.55	31.27	30.93	28.42	27.76	24.61	23.80	25.60	25.15	28.32	26.85	29.11
3	30.86	31.28	30.80	28.48	27.52	24.76	23.85	25.42	25.27	27.86	26.94	29.01
4	30.94	31.19	30.68	---	27.42	25.03	23.79	25.28	25.72	27.64	27.03	29.37
5	31.00	31.07	30.63	---	27.50	25.12	23.84	25.53	26.11	27.68	26.84	29.49
6	31.02	31.19	30.27	---	27.81	25.09	24.09	25.58	26.45	27.76	27.22	29.18
7	31.02	31.39	30.07	---	28.13	24.96	24.27	25.68	26.67	27.74	27.48	29.16
8	30.99	31.36	29.46	---	28.23	24.56	24.54	25.54	26.81	27.74	27.82	29.15
9	31.00	31.33	29.10	---	28.26	24.36	24.75	25.25	26.80	28.03	28.04	29.27
10	31.13	31.36	28.92	---	28.37	24.33	24.33	24.91	26.90	28.27	28.10	29.49
11	31.09	31.42	28.81	---	28.27	24.31	24.59	24.92	27.09	28.27	27.86	29.41
12	31.08	31.41	28.61	---	28.18	24.82	24.01	25.11	27.32	28.54	27.63	29.26
13	31.09	31.36	28.45	27.16	28.14	25.03	23.53	25.37	27.43	28.55	28.08	29.19
14	31.09	31.44	28.13	26.88	27.87	25.05	23.33	25.55	27.45	28.47	28.26	29.13
15	31.03	31.29	28.16	26.65	27.17	25.11	23.27	25.81	27.46	28.18	28.19	29.23
16	31.06	31.20	28.44	26.59	26.41	24.97	23.42	25.97	27.50	28.41	28.04	29.47
17	31.21	31.19	28.62	26.87	25.84	25.12	23.87	26.16	27.61	28.49	28.09	29.64
18	31.19	31.31	28.56	27.03	25.61	25.29	24.31	26.22	27.77	27.86	27.86	29.63
19	31.13	31.32	28.58	27.12	25.57	25.41	24.76	26.11	27.67	27.43	27.63	29.73
20	31.17	31.32	28.83	26.92	25.66	25.51	25.03	26.14	27.74	26.87	28.16	29.75
21	31.14	31.52	28.90	26.53	25.95	25.42	25.14	26.58	27.69	26.55	28.27	29.38
22	31.02	31.51	28.68	26.48	26.25	25.56	25.07	26.99	27.65	26.56	28.50	29.91
23	30.98	31.46	28.70	26.51	26.13	25.71	24.78	26.97	27.57	26.97	28.45	29.56
24	31.14	31.20	28.33	26.48	26.14	25.78	24.83	27.05	27.68	27.33	28.69	29.93
25	31.01	31.09	28.43	26.61	25.62	25.53	24.79	26.92	28.11	27.49	28.50	29.99
26	31.04	30.96	28.49	26.97	25.37	25.52	24.92	26.93	28.16	27.54	28.49	29.96
27	31.16	30.88	28.57	26.89	24.90	25.51	25.07	27.03	28.16	27.58	28.37	29.80
28	31.22	30.86	28.40	26.96	24.55	25.05	25.19	27.06	28.12	27.61	29.00	29.74
29	31.26	30.99	28.44	27.07	24.66	24.77	25.27	27.02	28.07	27.20	29.06	29.73
30	31.31	31.11	28.69	27.22	---	24.71	25.33	26.70	27.76	27.05	29.01	29.33
31	31.35	---	28.55	27.49	---	24.30	---	26.05	---	26.67	29.07	---
MEAN	31.06	31.25	29.07	---	26.79	25.03	24.41	26.03	27.18	27.70	28.02	29.51
MAX	31.35	31.52	30.99	---	28.37	25.78	25.33	27.06	28.16	28.55	29.07	29.99
MIN	30.53	30.86	28.13	---	24.55	24.30	23.27	24.91	25.15	26.55	26.73	28.99

CAL YR 1983 MEAN 28.34 MAX 31.52 MIN 22.67



MARLBORO COUNTY

343715079411500. Local number, MLB-112.

LOCATION.--Lat 34°37'35", long 79°41'22" (Revised), Hydrologic unit 03040201, National Guard Armory in Bennettsville. Owner: Town of Bennettsville.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened 320-335 ft.

DATUM.--Land-surface datum is 135 ft National Geodetic Vertical Datum of 1929 (Revised). Measuring point: Top of casing, 1.20 ft above land-surface datum (Revised).

REMARKS.--1971 Gamma and Caliper logged to 297 ft.

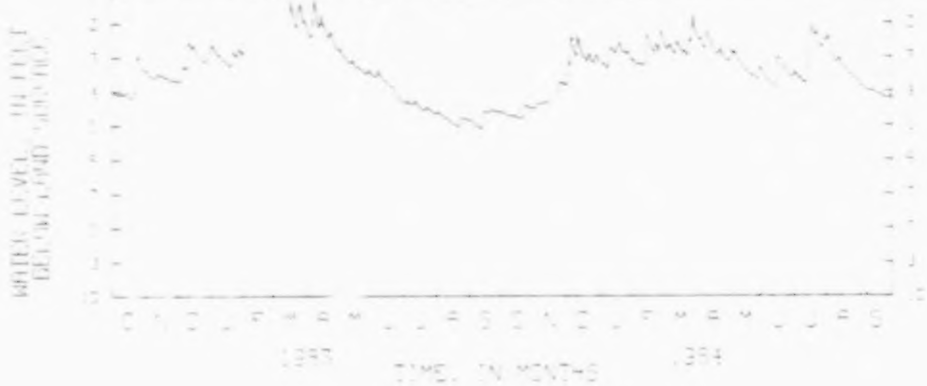
PERIOD OF RECORD.--January 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 0.85 ft below land-surface datum, Feb. 2, 1973; lowest, 5.29 ft below land-surface datum, Sept. 16, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.60	4.49	3.82	3.10	3.07	2.53	2.33	3.13	3.39	3.61	2.55	3.79
2	4.61	4.49	3.84	3.13	3.07	2.60	2.43	3.13	3.43	3.43	2.38	3.82
3	4.63	4.48	3.51	3.16	3.12	2.68	2.49	2.95	3.49	3.48	2.41	3.84
4	4.65	4.39	3.12	3.18	3.18	2.75	2.49	2.79	3.55	3.52	2.38	3.87
5	4.66	4.34	3.21	3.19	3.21	2.75	2.43	2.89	3.60	3.56	2.71	3.90
6	4.68	4.36	2.44	3.22	3.21	2.70	2.56	2.93	3.64	3.61	2.82	3.93
7	4.71	4.37	2.43	3.28	3.70	2.61	2.66	2.85	3.68	3.61	2.89	3.96
8	4.72	4.37	2.67	3.32	3.20	2.66	2.74	2.88	3.71	3.67	2.99	3.98
9	4.72	4.36	2.82	3.34	3.21	2.77	2.77	2.97	3.74	3.71	3.09	3.99
10	4.73	4.31	2.93	3.17	3.20	2.83	2.39	3.06	3.77	3.73	3.16	3.99
11	4.72	4.31	2.98	2.77	3.23	2.86	2.22	3.11	3.80	3.74	3.14	3.99
12	4.70	4.33	2.41	2.73	3.24	2.92	2.37	3.15	3.83	3.79	3.05	4.02
13	4.70	4.33	2.47	2.76	3.24	2.63	2.46	3.20	3.86	3.68	2.98	4.00
14	4.73	4.33	2.64	2.81	2.50	2.53	2.54	3.23	3.88	3.27	3.09	3.99
15	4.75	4.20	2.75	2.85	2.32	2.63	2.60	3.29	3.90	3.22	3.17	4.02
16	4.76	---	2.87	2.92	2.46	2.68	2.67	3.33	2.99	2.84	3.23	4.05
17	4.77	---	2.96	2.85	2.55	2.77	2.76	3.38	3.01	2.24	3.28	4.07
18	4.78	---	3.00	2.78	2.66	2.82	2.84	3.40	3.10	2.04	3.33	4.08
19	4.79	---	3.01	2.67	2.72	2.85	2.89	3.42	3.19	2.22	3.36	4.13
20	4.80	---	3.09	2.56	2.76	2.87	2.90	3.47	3.25	2.35	3.39	4.09
21	4.79	---	3.13	2.66	2.84	2.79	2.92	3.51	3.25	2.36	3.45	4.12
22	4.77	4.06	2.93	2.76	2.88	2.88	2.90	3.55	3.29	2.13	3.48	4.15
23	4.65	4.06	2.94	2.85	2.60	2.95	2.71	3.52	3.35	2.31	3.50	4.16
24	4.37	4.01	3.00	2.87	2.65	2.99	2.78	3.56	3.38	2.45	3.50	4.17
25	4.43	3.74	3.11	2.85	2.75	2.56	2.87	3.57	3.42	2.59	3.55	4.18
26	4.44	3.75	3.16	2.87	2.86	2.46	2.95	3.61	3.47	2.64	3.60	4.20
27	4.46	3.76	3.19	2.90	2.56	2.55	3.00	3.65	3.52	2.72	3.62	4.23
28	4.48	3.75	3.08	2.84	2.21	2.13	3.05	3.67	3.57	2.73	3.66	4.22
29	4.48	3.76	2.93	2.93	2.39	1.74	3.09	3.52	3.57	2.43	3.68	4.16
30	4.50	3.80	2.98	3.05	---	2.07	3.09	3.30	3.57	2.50	3.70	4.15
31	4.49	---	3.05	3.10	---	2.22	---	3.32	---	2.53	3.74	---
MEAN	4.65	---	2.98	2.95	2.87	2.64	2.70	3.27	3.51	2.99	3.20	4.04
MAX	4.80	---	3.84	3.34	3.24	2.99	3.09	3.67	3.90	3.79	3.74	4.23
MIN	4.37	---	2.41	2.56	2.21	1.74	2.22	2.79	2.99	2.04	2.38	3.79

HYDROGRAPH



ORANGEBURG COUNTY

332649081072300. Local number, ORG-95.

LOCATION.--Lat 33°26'49", long 81°07'25", Hydrologic unit 03050204, 40 ft east on First Street (SC-38-628) and 70 ft north of Saxton Street (SC-38-213) in Norway.
Owner: Town of Norway.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 3 in, depth 250 ft, screened intervals 173-193, 200-220 228-238 ft, gravel finish.

DATUM.--Land-surface datum is 240 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum (Revised).

REMARKS.--Test hole Electric and Gamma logged Feb. 20, 1973 to a depth of 300 ft. Gamma logged Apr. 6, 1979 to a depth of 220 ft. Electric logged Apr. 6, 1979, depth 220 ft. Caliper logged Apr. 6, 1979, depth 220 ft. Gamma logged in 1981 to a depth of 204 ft.

PERIOD OF RECORD.--July 1981 to current year.

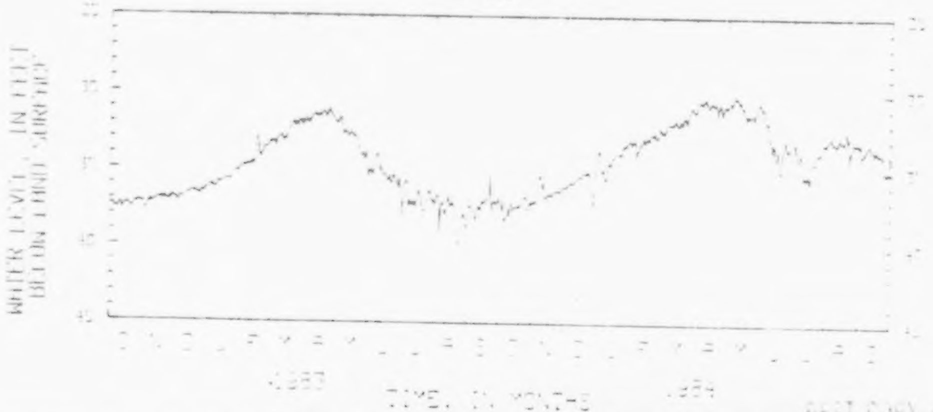
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 30.18 ft below land-surface datum, May 9, 1984; lowest, 40.32 ft below land-surface datum, July 7, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.14	37.10	36.04	33.31	33.15	32.41	31.13	30.86	30.75	33.15	33.25	33.35
2	37.32	37.06	36.06	33.69	33.32	32.48	31.11	30.78	30.96	33.04	33.02	33.15
3	37.57	37.14	36.08	33.92	33.10	32.53	30.83	30.52	30.88	33.26	33.02	34.02
4	37.04	36.92	35.90	35.05	33.06	32.34	30.61	30.48	31.29	33.52	32.90	33.91
5	38.31	36.53	35.83	35.06	33.12	32.25	30.44	30.74	31.75	33.84	32.75	33.66
6	38.20	35.62	35.79	34.91	34.06	32.01	30.49	30.47	31.84	34.35	32.85	33.75
7	38.00	35.41	35.88	35.45	33.67	31.94	30.63	30.21	31.77	33.98	33.07	33.46
8	37.91	35.35	35.79	35.60	33.66	31.93	30.55	30.24	31.93	33.80	33.05	33.51
9	37.51	35.80	35.79	35.55	33.38	31.93	30.39	30.13	32.97	34.07	33.14	33.28
10	37.98	36.16	35.75	34.67	33.27	32.03	30.25	30.23	32.94	34.39	33.19	33.19
11	37.39	35.81	35.55	34.47	33.24	31.92	30.37	30.36	33.13	35.48	33.26	33.27
12	37.13	36.87	35.55	34.66	33.07	31.96	30.60	30.57	33.75	35.27	33.11	33.51
13	37.67	36.77	35.42	34.54	32.84	31.68	30.77	30.44	33.22	35.42	32.90	33.55
14	37.46	36.66	35.35	34.47	33.21	31.77	30.87	30.76	33.37	35.41	32.30	33.57
15	37.40	36.57	35.43	34.20	33.06	31.92	30.59	30.88	34.17	35.20	32.99	33.39
16	37.40	36.66	35.42	34.08	32.91	32.05	30.58	30.81	34.35	35.63	33.05	33.60
17	37.33	36.58	35.37	34.03	32.88	32.06	30.53	31.08	33.65	35.70	33.00	33.57
18	37.37	36.50	35.19	33.90	33.06	31.69	30.69	31.28	34.10	35.06	33.14	33.74
19	37.44	36.66	35.16	33.95	32.73	31.89	30.71	31.67	35.07	34.46	32.73	33.83
20	37.26	36.49	35.17	33.88	32.61	31.95	30.60	31.32	35.15	34.42	32.10	33.78
21	37.19	36.33	35.26	34.02	32.65	31.52	30.76	31.41	33.93	34.45	32.97	33.79
22	37.08	36.35	35.09	33.98	32.74	31.49	31.49	31.48	33.63	34.08	32.72	33.92
23	36.82	36.41	35.11	33.90	32.47	31.68	30.81	31.34	33.36	33.88	34.41	33.90
24	36.73	36.33	35.25	33.59	32.33	31.90	30.64	31.29	32.95	33.88	33.69	34.44
25	36.79	36.34	35.85	33.37	32.89	31.44	30.80	31.48	33.38	33.82	33.53	34.79
26	36.81	36.48	36.29	33.47	32.79	31.23	31.34	31.59	33.63	33.81	33.22	35.22
27	37.49	36.34	36.98	33.28	32.39	31.13	31.03	31.21	33.47	33.80	33.39	35.07
28	37.62	36.14	37.40	33.37	32.18	30.90	30.94	31.04	33.66	33.67	33.16	34.99
29	37.08	36.15	36.23	33.17	32.57	30.33	30.76	30.91	33.68	33.28	33.20	34.36
30	37.27	36.13	35.01	33.07	---	31.00	30.75	30.57	33.34	33.15	33.12	34.13
31	37.07	---	33.99	33.04	---	31.15	---	30.53	---	33.13	33.12	---
MEAN	37.38	36.39	35.64	34.13	33.00	31.77	30.74	30.86	33.07	34.21	33.08	33.87
MAX	38.31	37.14	37.40	35.60	34.06	32.53	31.49	31.67	35.15	35.70	34.41	35.22
MIN	36.73	35.35	33.99	33.04	32.18	30.83	30.25	30.18	30.75	33.04	32.10	33.15

CAL YR 1983 MEAN 35.33 MAX 39.97 MIN 31.09
WTR YR 1984 MEAN 33.68 MAX 38.31 MIN 30.18

HYDROGRAPH



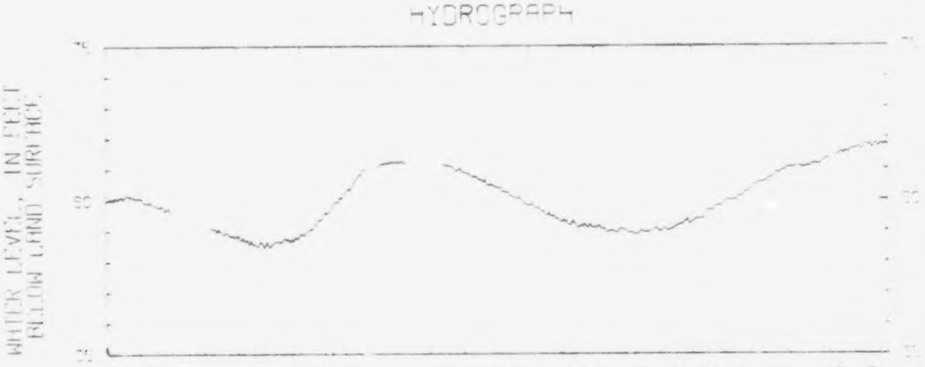
RICHLAND COUNTY

340335080583501. Local number, RIC-40.
LOCATION.--Lat 34°03'35", long 80°58'35", Hydrologic unit 03050110, on Shakespeare Road in Dentsville, north of Columbia.
Owner: Shakespeare Manufacturing Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 245 ft, screened 98-105, 130-135, 233-245 ft.
DATUM.--Land-surface datum is 390 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.37 ft above land-surface datum.
PERIOD OF RECORD.--1942-52, 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 76.03 ft below land-surface datum, Oct. 17, 1975; lowest, 95.29 ft below land-surface datum, Apr. 6, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79.59	80.19	80.71	80.89	81.03	81.02	80.72	80.11	79.48	78.95	78.77	78.36
2	79.58	80.15	80.70	80.89	81.06	81.01	80.70	80.08	79.44	78.95	78.73	78.33
3	79.61	80.13	80.65	80.89	81.06	81.01	80.68	80.01	79.42	78.95	78.69	78.29
4	79.61	80.12	80.65	80.87	81.06	81.01	80.62	79.99	79.42	78.94	78.67	78.30
5	79.61	80.19	80.71	80.83	81.05	80.98	80.61	79.99	79.43	78.92	78.66	78.34
6	79.67	80.23	80.67	80.81	81.06	80.89	80.61	79.99	79.42	78.91	78.65	78.35
7	79.73	80.26	80.78	80.90	81.11	80.94	80.61	80.01	79.41	78.91	78.59	78.37
8	79.73	80.28	80.79	80.94	81.12	80.93	80.61	80.01	79.40	78.91	78.58	78.33
9	79.73	80.27	80.82	80.95	81.11	81.00	80.60	80.01	79.38	78.91	78.59	78.22
10	79.76	80.23	80.82	80.91	81.10	81.00	80.60	80.00	79.35	78.91	78.58	78.19
11	79.74	80.29	80.75	80.92	81.07	80.98	80.60	80.00	79.33	78.92	78.55	78.22
12	79.75	80.34	80.66	81.03	81.05	80.97	80.60	80.00	79.29	78.92	78.55	78.24
13	79.76	80.36	80.73	81.03	81.00	80.93	80.49	79.96	79.28	78.95	78.54	78.23
14	79.86	80.39	80.74	81.01	80.97	80.93	80.37	79.89	79.27	78.96	78.54	78.21
15	79.87	80.36	80.84	81.01	81.03	80.93	80.34	79.90	79.24	78.94	78.54	78.21
16	79.88	80.41	80.89	81.00	81.03	80.87	80.32	79.88	79.24	78.92	78.52	78.33
17	79.90	80.48	80.90	81.00	81.04	80.86	80.33	79.88	79.19	78.91	78.49	78.30
18	79.91	80.50	80.87	80.98	81.04	80.85	80.34	79.87	79.12	78.90	78.47	78.28
19	79.91	80.45	80.82	80.99	81.04	80.83	80.34	79.83	79.11	78.91	78.44	78.19
20	79.93	80.40	80.86	81.04	81.04	80.82	80.34	79.75	79.12	78.90	78.46	78.18
21	79.96	80.57	80.87	81.05	81.03	80.78	80.30	79.74	79.12	78.90	78.53	78.21
22	79.96	80.54	80.78	81.07	81.04	80.78	80.28	79.74	79.10	78.83	78.47	78.24
23	79.91	80.52	80.80	81.05	80.99	80.79	80.19	79.70	79.08	78.83	78.40	78.26
24	79.95	80.49	80.80	80.97	80.98	80.78	80.19	79.68	79.05	78.83	78.44	78.22
25	80.02	80.58	80.88	80.94	80.97	80.69	80.19	79.65	79.03	78.82	78.47	78.19
26	80.03	80.62	80.89	80.95	80.98	80.69	80.19	79.63	79.04	78.84	78.45	78.19
27	80.09	80.60	80.87	80.94	80.91	80.70	80.19	79.61	79.03	78.82	78.39	78.26
28	80.12	80.59	80.79	80.94	80.91	80.58	80.19	79.58	78.98	78.84	78.37	78.22
29	80.12	80.63	80.82	80.97	80.98	80.67	80.18	79.54	78.93	78.84	78.37	78.22
30	80.17	80.69	80.89	80.99	---	80.79	80.12	79.52	78.94	78.82	78.34	78.21
31	80.18	---	80.90	81.03	---	80.77	---	79.50	---	78.79	78.34	---
MEAN	79.86	80.39	80.80	80.96	81.03	80.86	80.41	79.84	79.22	78.89	78.52	78.26
MAX	80.18	80.69	80.90	81.07	81.12	81.02	80.72	80.11	79.48	78.96	78.77	78.37
MIN	79.58	80.12	80.65	80.81	80.91	80.58	80.12	79.50	78.93	78.79	78.34	78.18

WTR YR 1984 MEAN 79.92 MAX 81.12 MIN 78.18



334944080380100. Local number, RIC-63.

LOCATION.--Lat 33°49'44", long 80°38'01", Hydrologic Unit 03050110, Hercules Plant, 3,600 ft east of Hwy. 601, near Wateree. Owner: Hercules, Inc.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 10 in, depth 547 ft, screened 417-420, 425-445, 456-476, 478-498, 500-520, 522-542 ft.

DATUM.--Land-surface datum is 150 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum.

REMARKS.--Water-quality analysis on file in District office. Caliper logged July 23, 1980, depth 546 ft. Gamma logged July 23, 1980, depth 371 ft. Water levels are affected by nearby irrigational pumpage.

PERIOD OF RECORD.--February 1981 to current year.

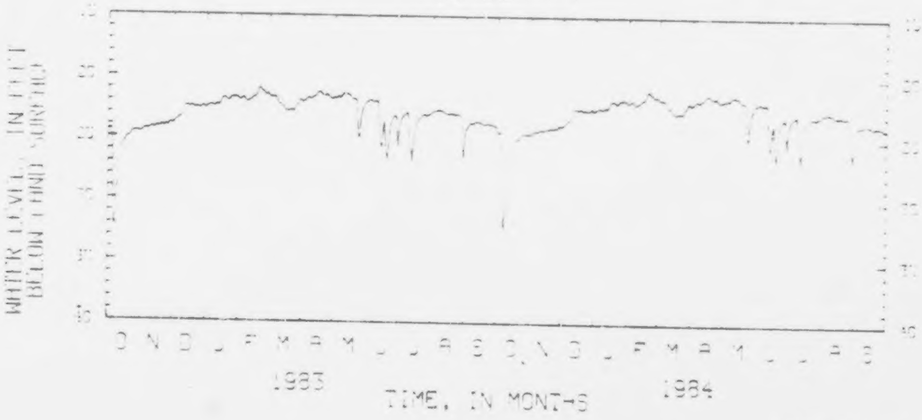
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 20.32 ft below land-surface datum, Apr. 15, 1983; lowest, 36.84 ft below land-surface datum, May 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.45	24.56	23.87	22.56	21.93	21.71	22.01	21.70	21.95	23.70	22.76	24.17
2	24.43	24.51	23.82	22.48	21.94	21.66	21.98	21.72	21.87	23.41	22.72	24.06
3	24.40	24.42	23.67	22.43	21.83	21.64	21.94	21.60	21.86	23.24	22.68	23.92
4	24.35	24.34	23.59	22.37	21.76	21.70	21.79	21.58	21.90	23.12	22.66	23.71
5	25.51	24.35	23.59	22.34	21.77	21.68	21.70	21.68	21.94	23.04	22.65	23.67
6	29.97	24.32	23.41	27.36	21.89	21.69	21.74	21.64	22.00	22.96	22.66	23.71
7	32.02	24.35	23.42	22.44	22.03	21.96	21.80	21.53	22.01	22.87	22.67	23.72
8	32.38	24.35	23.33	22.46	22.10	22.12	21.83	21.38	21.96	22.89	22.65	23.67
9	29.32	24.27	23.22	22.47	22.04	22.25	21.74	21.35	21.94	24.66	22.70	23.58
10	28.66	24.18	23.01	22.30	21.99	22.28	21.65	21.36	21.95	25.13	22.77	23.54
11	27.39	24.16	22.75	22.30	21.94	22.29	21.62	21.39	23.59	26.07	22.82	23.54
12	26.47	24.24	22.47	22.41	21.90	22.43	21.59	21.40	24.95	26.93	22.90	23.55
13	25.95	24.25	22.44	22.33	21.80	22.47	21.47	21.44	25.72	25.75	22.92	23.59
14	25.79	24.25	22.42	22.18	21.66	22.62	21.35	21.47	25.41	24.62	22.97	23.63
15	25.58	24.16	22.50	21.99	21.70	22.76	21.25	21.58	23.96	24.14	22.96	23.63
16	25.43	24.10	22.55	21.82	21.65	22.78	21.24	21.69	23.64	23.81	22.94	23.72
17	25.29	24.14	22.50	21.79	21.53	22.84	21.32	21.79	25.23	23.61	22.91	23.80
18	25.14	24.15	22.46	21.77	21.31	22.82	21.40	21.82	26.19	23.44	22.93	23.80
19	25.03	24.13	22.44	21.82	21.04	22.73	21.51	21.80	26.71	23.35	22.91	23.75
20	24.99	24.00	22.57	21.94	20.93	22.71	21.54	21.82	25.51	23.25	22.96	23.71
21	24.95	24.06	22.64	21.97	21.06	22.74	21.55	22.00	24.35	23.13	23.04	23.70
22	24.87	24.12	22.54	22.00	21.22	22.80	21.54	23.89	23.82	22.99	23.02	23.77
23	24.67	24.08	22.56	21.89	21.21	22.76	21.42	24.93	23.53	23.03	22.97	23.76
24	24.60	23.99	22.54	21.75	21.34	22.67	21.54	24.70	23.30	23.06	22.96	23.79
25	24.55	24.01	22.65	21.70	21.41	22.39	21.65	23.33	23.17	23.09	23.03	23.81
26	24.50	24.09	22.65	21.77	21.54	22.31	21.74	22.84	23.15	23.10	23.10	23.81
27	24.55	23.94	22.59	21.68	21.43	22.22	21.78	22.59	23.18	23.04	23.13	23.92
28	24.58	23.80	22.43	21.70	21.42	21.91	21.79	22.48	24.78	23.00	24.03	23.91
29	24.55	23.87	22.42	21.72	21.61	21.87	21.77	22.21	25.54	22.97	26.47	23.91
30	24.62	23.86	22.58	21.75	---	22.01	21.70	22.05	24.29	22.90	26.13	23.97
31	24.59	---	22.60	21.86	---	22.06	---	22.01	---	22.81	24.59	---
MEAN	25.94	24.17	22.85	22.08	21.62	22.29	21.63	22.09	23.65	23.65	23.18	23.76
MAX	32.38	24.56	23.87	22.56	22.10	22.84	22.01	24.93	26.71	26.93	26.47	24.17
MIN	24.35	23.80	22.42	21.68	20.93	21.64	21.24	21.35	21.86	22.81	22.65	23.54

WTR YR 1984 MEAN 23.08 MAX 32.38 MIN 20.93

HYDROGRAPH



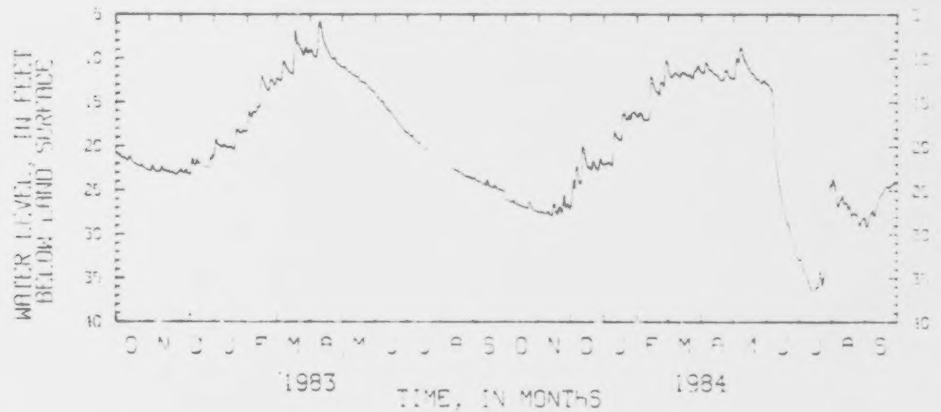
RICHLAND COUNTY

340540081021508. Local number, RIC-309.
LOCATION.--Lat 34°05'40", long 81°02'15", Hydrologic Unit 03050106, north of Columbia off State Road 423 at Lincolnshire subdivision.
Owner: Heater Utilities.
AQUIFER.--Piedmont (Revised).
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 300 ft, cased to 90 ft, open hole from 90 to 300 ft.
DATUM.--Land-surface datum is 260 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft above land-surface datum.
PERIOD OF RECORD.--1972 to June 1975, September 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 4.56 ft below land-surface datum, Mar. 31, 1980; lowest, 44.33 ft below land-surface datum, Dec. 30, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.04	27.46	27.01	22.04	16.56	11.35	11.51	12.33	12.85	32.93	24.45	28.30
2	26.09	27.47	26.23	22.01	16.65	11.63	11.67	12.26	12.93	32.91	23.66	29.21
3	26.13	27.46	24.79	21.96	16.45	11.94	11.67	11.53	13.08	32.88	24.04	29.05
4	26.16	27.44	23.79	21.91	16.18	12.21	11.41	9.93	13.24	33.42	24.60	28.66
5	26.19	27.50	24.83	21.84	16.31	12.13	10.44	10.17	13.45	33.84	25.91	27.36
6	26.26	27.55	22.65	21.81	16.55	11.79	10.56	10.44	13.60	34.12	26.63	27.71
7	26.34	27.59	22.17	21.94	16.89	11.63	10.89	8.87	15.05	34.19	26.93	27.45
8	26.39	27.63	23.25	22.11	17.04	11.56	11.20	8.75	18.74	34.59	26.31	27.24
9	26.10	27.53	23.97	22.19	17.00	11.77	11.29	9.27	20.70	34.98	26.00	27.95
10	26.41	27.38	24.32	20.75	16.98	11.90	11.35	9.73	21.95	35.36	26.00	27.77
11	26.52	27.61	24.04	18.25	16.97	11.94	11.49	10.10	22.93	35.66	25.50	27.18
12	26.56	27.75	20.03	18.67	16.98	12.17	11.68	10.36	23:79	36.02	26.53	26.77
13	26.60	27.81	20.20	18.96	16.48	11.77	11.74	10.60	24.53	36.36	26.45	26.33
14	26.70	27.85	20.77	19.02	11.99	11.55	11.81	10.78	25.21	36.57	26.32	25.94
15	26.75	26.62	21.42	19.24	12.15	11.62	11.85	11.10	25.88	---	26.50	25.61
16	26.79	26.49	21.98	19.24	12.83	11.61	11.94	11.31	26.51	36.47	27.20	25.44
17	26.83	27.28	22.32	19.34	13.23	11.77	12.13	11.52	27.08	36.16	26.65	25.27
18	26.37	27.56	22.47	18.82	13.55	11.89	12.35	11.65	27.61	35.99	27.13	25.06
19	26.91	27.72	22.29	16.28	13.72	11.93	12.51	11.69	28.17	36.04	27.96	24.83
20	26.98	27.02	22.63	16.18	13.81	11.93	12.44	11.85	28.70	35.52	27.57	24.62
21	27.05	26.82	22.58	16.54	14.00	11.81	12.44	12.06	28.84	34.15	27.68	24.48
22	27.09	27.36	21.61	16.93	14.14	12.06	12.38	12.30	29.17	35.06	27.56	24.57
23	26.23	27.53	21.96	17.01	12.73	12.23	11.43	12.35	29.81	35.82	27.71	24.71
24	26.24	26.64	22.17	16.74	12.61	12.28	11.29	12.36	30.33	35.19	27.77	24.55
25	26.77	25.48	22.48	16.50	12.88	11.63	11.45	12.52	30.78	33.51	27.88	24.40
26	26.99	26.62	22.60	16.90	13.22	11.35	11.88	12.68	31.26	30.55	28.31	24.26
27	27.15	26.94	22.64	16.27	11.95	11.40	12.07	12.85	31.70	28.36	28.98	24.26
28	27.27	26.52	21.94	16.12	10.14	10.97	12.11	12.74	32.07	28.62	28.52	24.17
29	27.30	26.67	21.33	16.12	10.75	10.80	12.27	12.54	32.45	25.65	28.42	24.39
30	27.39	27.07	21.82	16.18	---	11.20	12.25	12.55	32.68	24.71	28.20	24.03
31	27.42	---	22.01	16.40	---	11.40	---	12.71	---	24.28	27.98	---
MEAN	26.66	27.21	22.72	18.85	14.51	11.72	11.72	11.35	24.17	---	26.33	26.06
MAX	27.42	27.85	27.01	22.19	17.04	12.28	12.51	12.85	32.68	---	28.98	29.21
MIN	26.04	25.48	20.03	16.12	10.14	10.80	10.44	8.75	12.85	---	23.66	24.03

HYDROGRAPH



335602080204800. Local number, SU-9.

LOCATION.--Lat 33°56'02", long 80°20'48", Hydrologic Unit 03040205, at Sumter municipal well field, Church Street Plant, City well No. 1A.

Owner: City of Sumter.

AQUIFER.--Sands of Black Creek and Middendorf Formations.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 18 in from surface to 211 ft, 8 in from 211 to 625 ft, depth 625 ft, screened intervals 508-528, 550-570, 605-625 ft, gravel packed.

DATUM.--Land-surface datum is 176 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete pad, 0.42 ft above land-surface datum.

REMARKS.--Water levels are affected by pumping of nearby wells. Logged September 1979 to 364 ft.

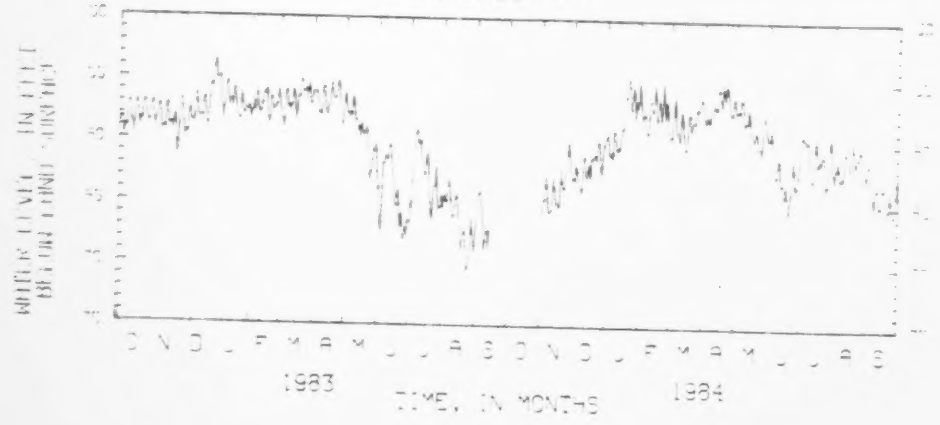
PERIOD OF RECORD.--Monthly values, 1946 to 1969. June 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 40.57 ft below land-surface datum, Oct. 29, 1971; lowest, 77.81 ft below land-surface datum, June 28, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	63.15	59.62	54.98	59.40	57.75	57.36	59.48	60.67	62.24	63.00
2		65.39	62.80	59.30	56.53	59.56	57.93	57.41	59.59	59.32	62.92	61.35
3		65.21	63.08	59.75	57.58	58.42	58.33	57.17	58.88	59.17	61.84	61.38
4		64.62	61.86	60.89	58.02	57.56	57.69	57.26	59.58	59.53	61.95	61.89
5		64.70	62.24	61.01	57.54	56.19	57.94	57.44	61.72	59.44	61.28	62.46
6		62.72	63.55	60.71	57.57	58.39	58.25	56.31	62.01	59.71	61.91	62.98
7		63.40	63.64	61.74	58.50	59.06	57.67	56.37	62.27	59.61	62.79	63.35
8		65.20	63.68	58.96	59.22	59.06	57.42	57.08	62.72	59.76	62.73	65.44
9		65.74	64.03	59.08	59.17	59.81	57.23	58.49	62.42	60.29	62.41	64.11
10		67.58	63.48	59.92	57.76	59.52	57.08	58.14	61.12	61.46	62.32	63.53
11		65.49	61.09	60.63	56.49	57.33	56.78	58.15	61.28	62.82	61.71	63.32
12		64.65	61.15	60.36	56.44	58.02	57.04	58.24	63.15	62.92	60.47	64.00
13		62.94	62.36	60.47	57.45	59.17	57.21	57.21	63.24	62.70	60.54	64.94
14		63.77	62.34	60.16	57.22	59.82	56.79	57.91	63.09	61.27	61.04	64.94
15		64.89	62.35	59.23	55.28	60.63	55.42	59.05	64.15	59.64	61.21	64.71
16		64.38	61.72	58.73	56.16	60.33	55.55	59.10	64.28	60.11	61.60	63.44
17		65.06	62.87	58.82	58.17	59.23	56.35	59.18	63.29	61.68	61.98	63.35
18		65.27	61.20	56.75	57.98	57.64	56.93	59.75	64.28	61.47	60.94	64.29
19		64.60	61.34	56.18	56.42	57.57	55.04	59.48	65.19	61.13	59.77	64.36
20		62.26	61.21	56.26	56.62	58.93	56.12	58.89	65.52	61.41	60.37	64.96
21		63.13	61.06	55.53	58.10	58.42	56.34	59.21	64.46	60.86	61.26	65.30
22		63.77	60.92	54.68	57.27	58.20	55.20	60.07	63.86	60.79	61.66	65.18
23		63.72	61.45	55.25	55.12	58.20	55.49	60.24	62.80	61.23	61.20	63.84
24		62.52	60.04	57.21	56.56	58.32	56.10	60.23	61.28	62.17	60.97	64.39
25		61.67	59.87	57.27	57.97	57.14	56.65	60.76	62.05	63.59	60.99	65.39
26		61.21	60.57	55.44	56.56	57.36	57.39	59.84	63.48	63.23	60.30	65.64
27		59.90	62.20	55.83	57.33	57.13	57.60	58.19	63.47	63.16	60.47	65.71
28		61.08	62.52	58.18	59.27	56.71	57.50	57.65	63.09	61.29	61.02	64.76
29		62.17	60.91	56.47	59.45	56.57	56.20	58.21	62.42	59.39	61.56	64.49
30		62.36	60.16	57.05	---	56.25	56.35	59.02	61.51	59.67	61.70	62.48
31		---	59.34	56.49	---	56.59	---	59.51	---	61.45	62.40	---
MEAN		---	61.91	58.31	57.34	58.28	56.84	58.48	62.52	61.00	61.49	64.00
MAX		---	64.03	61.24	59.45	60.63	58.33	60.76	65.52	63.59	62.92	65.71
MIN		---	59.34	54.68	54.98	56.19	55.04	56.31	58.88	59.17	59.77	61.38

HYDROGRAPH



SUMTER COUNTY

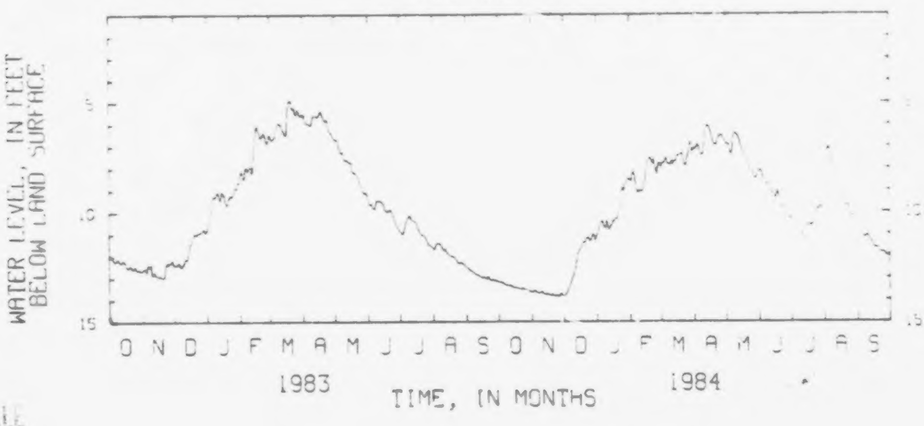
335606080020510. Local number, SU-191.
LOCATION.--Lat 33°56'06", long 80°02'05", Hydrologic Unit 03040205, Church Street Plant #1, 371 ft west of Church Street in Sumter.
Owner: City of Sumter.
AQUIFER.--Black Mingo Formation.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 70 ft, screened intervals unknown.
DATUM.--Land-surface datum is 177 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.75 ft above land-surface datum.
REMARKS.--Gamma and caliper logged Mar. 24, 1980, depth 56 ft.
PERIOD OF RECORD.--October 1980 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest mean water level 4.91 ft below land-surface datum, Mar. 20, 1983; lowest, 13.86 ft below land-surface datum, Nov. 26, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.19	13.65	13.83	11.02	8.56	7.98	7.09	6.91	8.12	10.38	8.32	10.59
2	13.19	13.64	13.82	10.85	8.58	7.79	7.15	6.97	8.09	10.51	8.21	10.67
3	13.21	13.61	13.71	10.73	8.30	7.74	7.10	6.91	8.16	10.56	7.52	10.68
4	13.22	13.58	13.62	10.58	8.14	7.79	6.94	6.97	8.32	10.57	7.06	10.74
5	13.23	13.65	13.56	10.44	8.29	7.61	6.97	7.32	8.53	10.60	7.05	10.93
6	13.27	13.68	13.38	10.37	8.60	7.50	7.15	7.40	8.65	10.68	7.18	11.04
7	13.31	13.70	13.28	10.56	8.99	7.80	7.31	7.21	8.70	10.74	7.32	11.16
8	13.33	13.70	13.10	10.72	9.15	7.80	7.44	6.59	8.72	10.86	7.48	11.19
9	13.34	13.68	12.97	10.74	9.04	7.85	7.39	6.43	8.77	10.98	7.82	11.11
10	13.36	13.62	12.86	10.39	9.04	7.82	7.28	6.43	8.87	11.01	8.05	11.05
11	13.34	13.68	12.72	10.54	9.03	7.68	6.80	6.49	8.99	11.01	8.24	11.13
12	13.35	13.73	12.48	10.83	9.07	7.84	6.30	6.54	9.11	11.06	8.47	11.26
13	13.37	13.75	12.18	10.75	8.99	7.69	6.08	6.67	9.10	11.19	8.67	11.33
14	13.43	13.76	11.89	10.63	8.76	7.70	6.07	6.76	9.12	11.20	8.34	11.37
15	13.44	13.72	11.76	10.56	8.60	7.67	6.14	7.01	9.26	10.88	8.99	11.41
16	13.45	13.75	11.70	10.39	8.14	7.43	6.23	7.14	9.41	10.65	9.10	11.57
17	13.46	13.79	11.60	10.44	7.76	7.42	6.43	7.31	9.23	10.58	9.17	11.64
18	13.46	13.81	11.49	10.30	7.63	7.42	6.64	7.39	9.05	10.58	9.26	11.64
19	13.48	13.81	11.36	10.29	7.57	7.36	6.82	7.38	9.22	10.63	9.37	11.63
20	13.50	13.73	11.40	10.32	7.50	7.32	6.94	7.51	9.51	10.60	9.50	11.64
21	13.52	13.82	11.34	10.06	7.62	7.37	6.96	7.72	9.73	10.54	9.74	11.71
22	13.53	13.84	11.18	9.86	7.80	7.69	6.95	7.93	9.76	10.45	9.76	11.81
23	13.47	13.82	11.18	9.45	7.61	7.87	6.75	7.99	9.78	10.27	9.66	11.85
24	13.50	13.78	11.15	9.00	7.89	7.92	6.66	8.07	9.81	10.07	9.32	11.86
25	13.53	13.83	11.32	8.88	8.00	7.67	6.56	8.14	9.85	9.89	10.04	11.86
26	13.54	13.86	11.29	9.03	8.28	7.49	6.51	8.25	10.00	9.83	10.17	11.84
27	13.57	13.80	11.20	8.77	7.99	7.30	6.53	8.41	10.12	9.79	10.13	11.96
28	13.59	13.71	10.99	8.68	7.76	6.82	6.60	8.48	10.24	9.83	10.21	11.96
29	13.60	13.76	11.04	8.57	7.93	6.89	6.75	8.45	10.27	9.78	10.27	11.97
30	13.63	13.83	11.28	8.44	---	7.26	6.76	8.35	10.26	9.40	10.31	12.02
31	13.64	---	11.18	8.51	---	7.21	---	8.16	---	8.66	10.37	---
MEAN	13.42	13.74	12.12	10.02	8.30	7.57	6.78	7.40	9.22	10.44	8.91	11.42
MAX	13.64	13.86	13.83	11.02	9.15	7.98	7.44	8.48	10.27	11.20	10.37	12.02
MIN	13.19	13.58	10.99	8.44	7.50	6.82	6.07	6.43	8.09	8.66	7.05	10.59

CAL YR 1983	MEAN	10.12	MAX	13.86	MIN	4.91
WTR YR 1984	MEAN	9.95	MAX	13.86	MIN	6.07

HYDROGRAPH



AVAILABLE

WILLIAMSBURG COUNTY

334410079310200. Local number, WL-76

LOCATION.--Lat 33°44'10", long 79°31'02", Hydrologic Unit 03040205, 15 ft behind Allis-Chalmers store and 86 ft from the water tower in Stuckey.
Owner: Town of Stuckey.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 257 ft, casing and screened intervals unknown.

DATUM.--Land-surface datum is 50 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.

REMARKS.--1978 water-quality analysis on file in District office. Caliper and gamma logged Oct. 11, 1978, depth 256 ft. Water levels affected by nearby irrigational pumpage. Local number (WIL-76) revised.

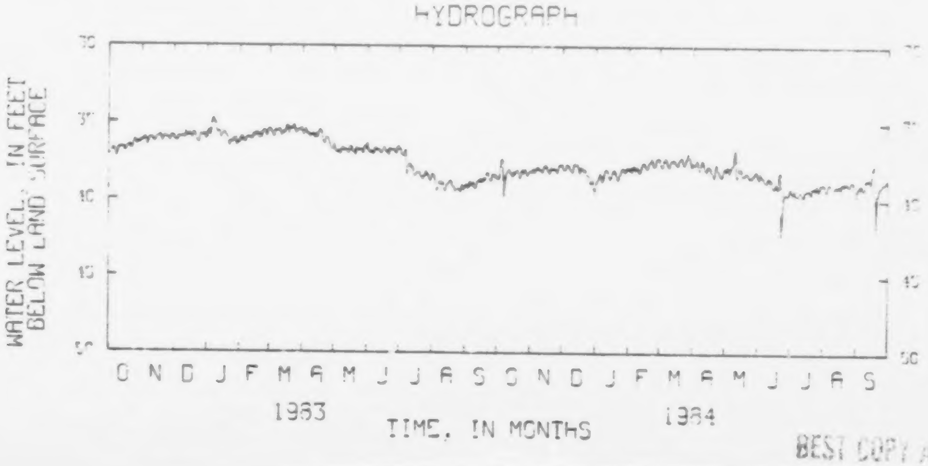
PERIOD OF RECORD.--October 1981 to current year.

EXTREMES OF PERIOD OF RECORD.--Highest mean water level 34.55 ft below land-surface datum, Jan. 12, 1982; lowest, 46.19 ft below land-surface datum, Mar. 12, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38.63	38.15	37.69	38.89	37.93	37.40	37.56	37.89	38.40	39.19	38.93	39.74
2	38.63	38.22	38.08	38.82	38.05	37.62	37.70	38.11	38.65	39.35	38.92	39.38
3	38.45	38.05	38.00	38.67	37.67	37.84	37.70	37.83	38.20	39.48	39.11	39.13
4	37.79	37.97	38.01	38.56	38.14	37.82	37.61	37.85	38.41	39.54	39.40	39.21
5	37.35	38.21	37.69	38.22	37.85	37.49	37.40	38.26	38.50	39.33	39.20	38.95
6	37.52	38.08	37.72	38.41	37.75	37.31	37.68	38.00	38.48	39.56	38.99	38.97
7	39.82	37.89	37.79	38.79	38.08	37.32	38.10	37.80	38.71	39.64	38.35	39.24
8	38.68	37.87	37.98	38.59	37.90	37.48	37.88	37.70	38.78	39.67	38.96	39.27
9	38.32	38.01	38.02	38.29	37.85	37.76	37.65	37.70	38.82	39.61	39.12	39.20
10	38.19	38.04	38.21	38.00	38.00	37.86	37.42	37.12	38.62	39.45	39.29	38.66
11	38.11	38.09	38.04	38.02	38.25	37.60	37.63	36.75	38.47	39.42	39.23	38.64
12	37.98	38.21	37.62	38.08	38.08	37.41	37.91	38.55	38.70	39.61	39.15	38.66
13	38.20	38.00	37.67	38.25	37.87	37.45	38.01	38.44	38.61	39.61	39.03	38.57
14	38.28	37.79	37.68	38.61	37.61	37.46	38.17	37.90	38.91	39.77	39.14	38.62
15	38.50	37.74	37.70	38.54	37.56	37.38	37.73	38.14	39.11	39.37	39.05	38.96
16	38.19	37.84	37.88	38.35	37.66	37.51	37.85	37.93	39.21	39.32	39.12	38.41
17	38.33	38.06	38.25	38.19	37.78	37.71	37.85	38.16	39.08	39.33	38.96	37.38
18	38.14	38.10	37.85	38.00	37.94	37.76	38.10	38.42	38.81	39.34	39.32	37.62
19	38.08	38.30	37.97	38.13	37.86	37.47	38.21	38.40	39.07	39.24	38.37	39.16
20	38.07	37.92	37.92	38.27	37.62	37.35	38.31	38.30	39.25	39.44	38.34	41.37
21	38.42	37.97	38.10	38.58	37.51	37.22	38.55	38.18	38.19	39.59	39.00	39.64
22	38.60	37.97	38.02	38.69	37.49	37.25	38.11	38.26	38.13	39.17	38.37	39.58
23	38.30	37.95	38.32	38.36	37.28	37.59	37.63	38.34	42.29	39.21	38.80	39.20
24	38.05	38.01	38.36	38.30	37.63	37.71	38.00	38.55	40.97	39.13	38.91	39.07
25	38.29	38.01	38.38	38.07	37.80	37.56	38.09	38.46	39.81	39.23	39.01	39.07
26	38.06	38.26	38.52	37.93	37.74	37.32	38.23	38.54	39.55	38.98	39.03	38.90
27	38.01	37.96	38.95	37.92	37.43	37.23	38.39	38.39	39.57	39.31	38.35	38.38
28	38.37	37.74	38.77	38.13	37.29	36.94	38.50	38.34	39.62	39.34	38.73	38.84
29	38.44	37.74	38.68	38.13	37.27	37.23	38.29	38.26	39.59	39.08	38.75	38.31
30	38.21	37.72	39.17	37.96	---	37.35	38.02	38.10	39.56	38.93	39.00	38.63
31	38.13	---	39.46	37.85	---	37.84	---	38.14	---	38.96	39.14	---
MEAN	38.26	38.00	38.15	38.31	37.76	37.49	37.94	38.09	39.07	39.36	39.02	39.02
MAX	39.82	38.30	39.46	38.89	38.26	37.86	38.55	38.55	42.29	39.77	39.40	41.37
MIN	37.35	37.72	37.62	37.85	37.27	36.94	37.40	36.75	38.13	38.93	38.73	37.62

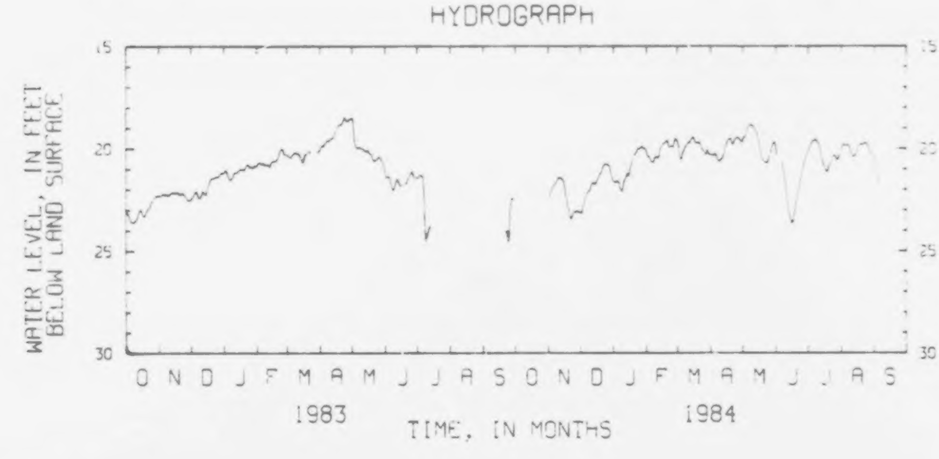
CAL YR 1983	MEAN	37.26	MAX	39.82	MIN	34.76
WTR YR 1984	MEAN	38.37	MAX	42.29	MIN	36.75



350150081012500. Local number, YK-147.
LOCATION.--Lat 35°01'50", long 81°01'25", Hydrologic Unit 03050101, near Fort Mill on Lake Wylie.
Owner: Tega Cay Development.
AQUIFER.--Rock of Paleozoic to Precambrian age.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 700 ft, cased to 50 ft, open hole from 50 to 700 ft.
DATUM.--Land-surface datum is 600 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.75 ft above land-surface datum.
REMARKS.--Water levels affected by stage from Lake Wylie. Geophysical logs available in District files.
PERIOD OF RECORD.--October 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 18.46 ft below land-surface datum, Apr. 24, 1983; lowest, 25.23 ft below land-surface datum, July 27, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		22.53	23.13	21.60	20.15	19.74	20.29	19.63	20.02	20.11	20.15	20.56
2		22.41	23.17	21.64	20.38	19.83	20.32	19.42	20.33	20.02	19.97	20.81
3		22.21	23.03	21.67	20.39	20.28	20.35	19.45	---	19.91	19.82	21.12
4		22.02	22.78	21.59	20.47	20.56	20.30	19.31	---	19.75	19.80	21.43
5		21.91	22.67	21.56	20.61	20.48	20.25	19.07	---	19.66	19.81	21.53
6		21.82	22.30	21.61	20.65	20.19	20.33	18.94	20.60	19.60	19.85	---
7		21.74	22.22	21.91	20.70	20.13	20.47	18.87	20.78	19.59	19.85	---
8		21.67	22.14	22.07	20.61	19.95	20.59	18.84	21.08	19.55	19.88	---
9		21.58	22.04	22.09	20.43	19.88	20.65	18.84	21.36	19.61	19.98	---
10		21.44	22.06	21.90	20.39	19.80	20.57	18.88	21.74	19.70	20.16	---
11		21.40	21.78	21.58	20.45	19.69	20.51	18.97	22.23	19.79	20.32	---
12		21.44	21.71	21.49	20.47	19.74	20.47	19.06	22.70	19.95	20.41	---
13		21.45	21.64	21.36	20.34	19.62	20.35	19.13	23.03	20.26	20.38	---
14		21.52	21.72	21.20	19.99	19.53	20.12	19.20	23.27	20.57	20.35	---
15		21.55	21.72	21.33	19.92	19.47	19.91	19.42	23.46	20.75	20.26	---
16		21.79	21.66	21.20	19.82	19.42	19.74	19.65	23.65	20.84	20.14	---
17		22.16	21.54	20.88	19.76	19.60	19.62	19.96	23.61	20.96	19.95	---
18		22.47	21.42	20.77	19.74	19.71	19.53	20.29	23.38	21.14	19.87	---
19		22.77	21.26	20.52	19.66	19.74	19.50	20.48	22.99	21.16	19.79	---
20		22.94	21.20	20.36	19.60	19.72	19.54	20.57	22.64	20.99	19.80	---
21		23.26	21.13	20.28	19.67	19.67	19.76	20.64	22.32	20.82	19.81	---
22		23.45	20.91	20.23	19.94	19.76	19.83	20.68	22.06	20.70	19.79	---
23		23.41	20.81	20.12	19.90	19.86	19.62	20.70	21.85	20.61	19.71	---
24		23.21	20.76	19.98	19.89	20.03	19.54	20.71	21.55	20.47	19.73	---
25		23.07	20.75	20.01	19.88	20.08	19.48	20.51	21.26	20.34	19.73	---
26		23.10	20.76	19.99	19.92	20.18	19.45	20.35	21.03	20.30	19.88	---
27		23.09	20.80	19.85	19.71	20.29	19.45	20.19	20.84	20.45	20.00	---
28		23.04	20.84	19.91	19.49	20.27	19.55	19.99	20.66	20.58	20.17	---
29		23.06	21.04	20.00	19.63	20.06	19.62	19.79	20.45	20.51	20.28	---
30		23.10	21.29	19.98	---	20.23	19.69	19.65	20.26	20.38	20.34	---
31		---	21.50	20.04	---	20.29	---	19.72	---	20.26	20.41	---
MEAN		22.35	21.67	20.93	20.09	19.93	19.98	19.71	---	20.30	20.01	---
MAX		23.45	23.17	22.09	20.70	20.56	20.65	20.71	---	21.16	20.41	---
MIN		21.40	20.75	19.85	19.49	19.42	19.45	18.84	---	19.55	19.71	---



APPENDIX

APPENDIX

Following are two listings of the new versus old terminology for each of the 143 water-quality parameters affected by the terminology change explained on page 5. The first listing orders the changes numerically according to the laboratory parameter code and the second listing orders the changes alphabetically according to the parameter name.

NUMERIC LISTING

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
00623	Nitrogen, ammonia plus organic, dissolved (mg/L as N)
00623	Nitrogen, kjeldahl, dissolved (mg/L as N)
00624	Nitrogen, ammonia plus organic, suspended total (mg/L as N)
00624	Nitrogen, kjeldahl, suspended (mg/L as N)
00625	Nitrogen, ammonia plus organic, total (mg/L as N)
00625	Nitrogen, kjeldahl, total (mg/L as N)
00626	Nitrogen, ammonia plus organic, total in bottom material, dry wt (mg/kg as N)
00626	Nitrogen, kjeldahl, total in bottom material, dry wt (mg/kg as N)
00683	Carbon, organic, suspended total (mg/L as C)
00683	Carbon, organic, suspended (mg/L as C)
00688	Carbon, inorganic, suspended total (mg/L as C)
00688	Carbon, inorganic, suspended (mg/L as C)
00689	Carbon, organic, suspended total (mg/L as C)
00689	Carbon, organic, suspended (mg/L as C)
00694	Carbon, inorganic plus organic, suspended total (mg/L as C)
00694	Carbon, inorganic plus organic, suspended (mg/L as C)
00916	Calcium, total recoverable (mg/L as Ca)
00916	Calcium, total (mg/L as Ca)
00926	Magnesium, suspended recoverable (mg/L as Mg)
00926	Magnesium, suspended (mg/L as Mg)
00927	Magnesium, total recoverable (mg/L as Mg)
00927	Magnesium, total (mg/L as Mg)

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01001	Arsenic, suspended total (mg/L as As)
01001	Arsenic, suspended (ug/L as As)
01006	Barium, suspended recoverable (ug/L as Ba)
01006	Barium, suspended (ug/L as Ba)
01007	Barium, total recoverable (ug/L as Ba)
01007	Barium, total (ug/L as Ba)
01008	Barium, recoverable from bottom material (ug/g as Ba)
01008	Barium, total in bottom material (ug/g as Ba)
01011	Beryllium, suspended recoverable (ug/L as Be)
01011	Beryllium, suspended (ug/L as Be)
01012	Beryllium, total recoverable (ug/L as Be)
01012	Beryllium, total (ug/L as Be)
01013	Beryllium, recoverable from bottom material (ug/g as Be)
01013	Beryllium, total in bottom material (ug/g as Be)
01016	Bismuth, suspended total (ug/L as Bi)
01016	Bismuth, suspended (ug/L as Bi)
01021	Boron, suspended recoverable (ug/L as B)
01021	Boron, suspended (ug/L as B)
01022	Boron, total recoverable (ug/L as B)
01022	Boron, total (ug/L as B)
01023	Boron, recoverable from bottom material (ug/g as B)
01023	Boron, total in bottom material (ug/g as B)
01026	Cadmium, suspended recoverable (ug/L as Cd)
01026	Cadmium, suspended (ug/L as Cd)
01027	Cadmium, total recoverable (ug/L as Cd)
01027	Cadmium, total (ug/L as Cd)
01028	Cadmium, recoverable from bottom material (ug/g as Cd)
01028	Cadmium, total in bottom material (ug/g as Cd)
01029	Chromium, recoverable from bottom material (ug/g as Cr)
01029	Chromium, total in bottom material (ug/g as Cr)
01031	Chromium, suspended recoverable (ug/L as Cr)
01031	Chromium, suspended (ug/L as Cr)

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01034	Chromium, total recoverable (ug/L as Cr)
01034	Chromium, total (ug/L as Cr)
01036	Cobalt, suspended recoverable (ug/L as Co)
01036	Cobalt, suspended (ug/L as Co)
01037	Cobalt, total recoverable (ug/L as Co)
01037	Cobalt, total (ug/L as Co)
01038	Cobalt, recoverable from bottom material (ug/g as Co)
01038	Cobalt, total in bottom material (ug/g as Co)
01041	Copper, suspended recoverable (ug/L as Cu)
01041	Copper, suspended (ug/L as Cu)
01042	Copper, total recoverable (ug/L as Cu)
01042	Copper, total (ug/L as Cu)
01043	Copper, recoverable from bottom material (ug/g as Cu)
01043	Copper, total in bottom material (ug/g as Cu)
01044	Iron, suspended recoverable (ug/L as Fe)
01044	Iron, suspended (ug/L as Fe)
01045	Iron, total recoverable (ug/L as Fe)
01045	Iron, total (ug/L as Fe)
01050	Lead, suspended recoverable (ug/L as Pb)
01050	Lead, suspended (ug/L as Pb)
01051	Lead, total recoverable (ug/L as Pb)
01051	Lead, total (ug/L as Pb)
01052	Lead, recoverable from bottom material (ug/g as Pb)
01052	Lead, total in bottom material (ug/g as Pb)
01053	Manganese, recoverable from bottom material (ug/g as Mn)
01053	Manganese, total in bottom material (ug/g as Mn)
01054	Manganese, suspended recoverable (ug/L as Mn)
01054	Manganese, suspended (ug/L as Mn)
01055	Manganese, total recoverable (ug/L as Mn)
01055	Manganese, total (ug/L as Mn)
01061	Molybdenum, suspended recoverable (ug/L as Mo)
01061	Molybdenum, suspended (ug/L as Mo)

Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01062	Molybdenum, total recoverable (ug/L as Mo)
01062	Molybdenum, total (ug/L as Mo)
01063	Molybdenum, recoverable from bottom material (ug/g as Mo)
01063	Molybdenum, total in bottom material (ug/g as Mo)
01066	Nickel, suspended recoverable (ug/L as Ni)
01066	Nickel, suspended (ug/L as Ni)
01067	Nickel, total recoverable (ug/L as Ni)
01067	Nickel, total (ug/L as Ni)
01068	Nickel, recoverable from bottom material (ug/g as Ni)
01068	Nickel, total in bottom material (ug/g as Ni)
01076	Silver, suspended recoverable (ug/L as Ag)
01076	Silver, suspended (ug/L as Ag)
01077	Silver, total recoverable (ug/L as Ag)
01077	Silver, total (ug/L as Ag)
01078	Silver, recoverable from bottom material (ug/g as Ag)
01078	Silver, total in bottom material (ug/g as Ag)
01081	Strontium, suspended recoverable (ug/L as Sr)
01081	Strontium, suspended (ug/L as Sr)
01082	Strontium, total recoverable (ug/L as Sr)
01082	Strontium, total (ug/L as Sr)
01083	Strontium, recoverable from bottom material (ug/g as Sr)
01083	Strontium, total in bottom material (ug/g as Sr)
01086	Vanadium, suspended total (ug/L as V)
01086	Vanadium, suspended (ug/L as V)
01091	Zinc, suspended recoverable (ug/L as Zn)
01091	Zinc, suspended (ug/L as Zn)
01092	Zinc, total recoverable (ug/L as Zn)
01092	Zinc, total (ug/L as Zn)
01093	Zinc, recoverable from bottom material (ug/g as Zn)
01093	Zinc, total in bottom material (ug/g as Zn)
01096	Antimony, suspended total (ug/L as Sb)
01096	Antimony, suspended (ug/L as Sb)

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Parm. Code	New Terminology -- First Line Old Terminology -- Second Line
01101	Tin, suspended recoverable (ug/L as Sn)
01101	Tin, suspended (ug/L as Sn)
01102	Tin, total recoverable (ug/L as Sn)
01102	Tin, total (ug/L as Sn)
01105	Aluminum, total recoverable (ug/L as Al)
01105	Aluminum, total (ug/L as Al)
01107	Aluminum, suspended recoverable (ug/L as Al)
01107	Aluminum, suspended (ug/L as Al)
01108	Aluminum, recoverable from bottom material (ug/g as Al)
01108	Aluminum, total in bottom material (ug/g as Al)
01116	Cesium, suspended total (ug/L as Cs)
01116	Cesium, suspended (ug/L as Cs)
01121	Gallium, suspended total (ug/L as Ga)
01121	Gallium, suspended (ug/L as Ga)
01126	Germanium, suspended total (ug/L as Ge)
01126	Germanium, suspended (ug/L as Ge)
01131	Lithium, suspended recoverable (ug/L as Li)
01131	Lithium, suspended (ug/L as Li)
01132	Lithium, total recoverable (ug/L as Li)
01132	Lithium, total (ug/L as Li)
01136	Rubidium, suspended total (ug/L as Rb)
01136	Rubidium, suspended (ug/L as Rb)
01146	Selenium, suspended total (ug/L as Se)
01146	Selenium, suspended (ug/L as Se)
01151	Titanium, suspended total (ug/L as Ti)
01151	Titanium, suspended (ug/L as Ti)
01161	Zirconium, suspended total (ug/L as Zr)
01161	Zirconium, suspended (ug/L as Zr)
01170	Iron, recoverable from bottom material (ug/g as Fe)
01170	Iron, total in bottom material (ug/g as Fe)
01505	Alpha, suspended total (pCi/L)
01505	Alpha, suspended (pCi/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
01506	Alpha, suspended total, counting error (pCi/L)
01506	Alpha, suspended, counting error (pCi/L)
01516	Gross alpha radioactivity, suspended total (pCi/L as U natural)
01516	Gross alpha radioactivity, suspended (pCi/L as U natural)
01517	Gross alpha radioactivity, suspended total (pCi/g as U natural)
01517	Gross alpha radioactivity, suspended (pCi/g as U natural)
01518	Gross alpha radioactivity, suspended total (ug/g as U natural)
01518	Gross alpha radioactivity, suspended (ug/g as U natural)
03505	Beta, suspended total (pCi/L)
03505	Beta, suspended (pCi/L)
03506	Beta, suspended total, counting error (pCi/L)
03506	Beta, suspended, counting error (pCi/L)
03516	Gross beta radioactivity, suspended total (pCi/L as Cs-137)
03516	Gross beta radioactivity, suspended (pCi/L as Cs-137)
03517	Gross beta radioactivity, suspended total (pCi/g as Sr/Yt-90)
03517	Gross beta radioactivity, suspended (pCi/g as Sr/Yt-90)
03518	Gross beta radioactivity, suspended total (pCi/g as Cs-137)
03518	Gross Beta radioactivity, suspended (pCi/g as Cs-137)
07010	Tritium, suspended total (pCi/L)
07010	Tritium, suspended (pCi/L)
07011	Tritium, suspended total, counting error (pCi/L)
07011	Tritium, suspended, counting error (pCi/L)
07014	Tritium, suspended total, counting error (tritium units)
07014	Tritium, suspended, counting error (tritium units)
07016	Tritium, suspended total (tritium units)
07016	Tritium, suspended (tritium units)
07052	Calcium 45, suspended total (pCi/L)
07052	Calcium 45, suspended (pCi/L)
07053	Calcium 45, suspended total, counting error (pCi/L)
07053	Calcium 45, suspended, counting error (pCi/L)
07062	Iron 59, suspended total (pCi/L)
07062	Iron 59, suspended (pCi/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07063	Iron 59, suspended total, counting error (pCi/L)
07063	Iron 59, suspended, counting error (pCi/L)
07082	Rhodamine Wt, suspended total (ug/L)
07082	Rhodamine Wt, suspended (ug/L)
07102	Selenium 75, suspended total (pCi/L)
07102	Selenium 75, suspended (pCi/L)
07103	Selenium 75, suspended total, counting error (pCi/L)
07103	Selenium 75, suspended, counting error (pCi/L)
07122	Silver 110, suspended total (pCi/L)
07122	Silver 110, suspended (pCi/L)
07123	Silver 110, suspended total, counting error (pCi/L)
07123	Silver 110, suspended, counting error (pCi/L)
07142	Sulfur 35, suspended total (pCi/L)
07142	Sulfur 35, suspended (pCi/L)
07143	Sulfur 35, suspended total, counting error (pCi/L)
07143	Sulfur 35, suspended, counting error (pCi/L)
09505	Radium 226, suspended total (pCi/L)
09505	Radium 226, suspended (pCi/L)
13505	Strontium 90, suspended total (pCi/L)
13505	Strontium 90, suspended (pCi/L)
13506	Strontium 90, suspended total, counting error (pCi/L)
13506	Strontium 90, suspended, counting error (pCi/L)
22705	Uranium, natural, suspended total (ug/L as U natural)
22705	Uranium, natural, suspended (ug/L as U natural)
28404	Cesium 137, suspended total (pCi/L)
28404	Cesium 137, suspended (pCi/L)
28405	Cesium 137, suspended total, counting error (pCi/L)
28405	Cesium 137, suspended, counting error (pCi/L)
28412	Cesium 134, suspended total (pCi/L)
28412	Cesium 134, suspended (pCi/L)
28413	Cesium 134, suspended total, counting error (pCi/L)
28413	Cesium 134, suspended, counting error (pCi/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
29633	Scandium 46, suspended total (pCi/L)
29633	Scandium 46, suspended (pCi/L)
29634	Scandium 46, suspended total, counting error (pCi/L)
29634	Scandium 46, suspended, counting error (pCi/L)
39332	Aldrin, suspended total (ug/L)
39332	Aldrin, suspended (ug/L)
39342	Lindane, suspended total (ug/L)
39342	Lindane, suspended (ug/L)
39353	Chlordane, suspended total (ug/L)
39353	Chlordane, suspended (ug/L)
39362	DDD, suspended total (ug/L)
39362	DDD, suspended (ug/L)
39367	DDE, suspended total (ug/L)
39367	DDE, suspended (ug/L)
39372	DDT, suspended total (ug/L)
39372	DDT, suspended (ug/L)
39382	Dieldrin, suspended total (ug/L)
39382	Dieldrin, suspended (ug/L)
39392	Endrin, suspended total (ug/L)
39392	Endrin, suspended (ug/L)
39402	Toxaphene, suspended total (ug/L)
39402	Toxaphene, suspended (ug/L)
39412	Heptachlor, suspended total (ug/L)
39412	Heptachlor, suspended (ug/L)
39422	Heptachlor epoxide, suspended total (ug/L)
39422	Heptachlor epoxide, suspended (ug/L)
39432	Isndrin, suspended total (ug/L)
39432	Isodrin, suspended (ug/L)
39502	Aroclor, suspended total, 1248 PCB series (ug/L)
39502	Aroclor, suspended, 1248 PCB series (ug/L)
39506	Aroclor, suspended total, 1254 PCB series (ug/L)
39506	Aroclor, suspended, 1254 PCB series (ug/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39510	Aroclor, suspended total, 1260 PCB series (ug/L)
39510	Aroclor, suspended, 1260 PCB series (ug/L)
39518	PCB, suspended total (ug/L)
39518	PCB, suspended (ug/L)
39533	Malathion, suspended total (ug/L)
39533	Malathion, suspended (ug/L)
39543	Parathion, suspended total (ug/L)
39543	Parathion, suspended (ug/L)
39573	Diazinon, suspended total (ug/L)
39573	Diazinon, suspended (ug/L)
39603	Methyl parathion, suspended total (ug/L)
39603	Methyl parathion, suspended (ug/L)
39733	2,4-D, suspended total (ug/L)
39733	2,4-D, suspended (ug/L)
39743	2,4,5-T, suspended total (ug/L)
39743	2,4,5-T, suspended (ug/L)
39757	Mirex, suspended total (ug/L)
39757	Mirex, suspended (ug/L)
39763	Silvex, suspended total (ug/L)
39763	Silvex, suspended (ug/L)
70299	Solids, residue at 110 deg. C, suspended total (mg/L)
70299	Solids, residue at 110 deg. C, suspended (mg/L)
71895	Mercury, suspended recoverable (ug/L as Hg)
71895	Mercury, suspended (ug/L as Hg)
71900	Mercury, total recoverable (ug/L as Hg)
71900	Mercury, total (ug/L as Hg)
71921	Mercury, recoverable from bottom material (ug/g as Hg)
71921	Mercury, total in bottom material (ug/g as Hg)
80040	Gross alpha radioactivity, suspended total (ug/L as U natural)
80040	Gross alpha radioactivity, suspended (ug/L as U natural)
80060	Gross beta radioactivity, suspended total (pCi/L as Sr/Yt-90)
80060	Gross beta radioactivity, suspended (pCi/L as Sr/Yt-90)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39332	Aldrin, suspended total (ug/L)
39332	Aldrin, suspended (ug/L)
01505	Alpha, suspended total (pCi/L)
01505	Alpha, suspended (pCi/L)
01506	Alpha, suspended total, counting error (pCi/L)
01506	Alpha, suspended, counting error (pCi/L)
01105	Aluminum, total recoverable (ug/L as Al)
01105	Aluminum, total (ug/L as Al)
01107	Aluminum, suspended recoverable (ug/L as Al)
01107	Aluminum, suspended (ug/L as Al)
01108	Aluminum, recoverable from bottom material (ug/g as Al)
01108	Aluminum, total in bottom material (ug/g as Al)
01096	Antimony, suspended total (ug/L as Sb)
01096	Antimony, suspended (ug/L as Sb)
39502	Aroclor, suspended total, 1248 PCB series (ug/L)
39502	Aroclor, suspended, 1248 PCB series (ug/L)
39506	Aroclor, suspended total, 1254 PCB series (ug/L)
39506	Aroclor, suspended, 1254 PCB series (ug/L)
39510	Aroclor, suspended total, 1260 PCB series (ug/L)
39510	Aroclor, suspended, 1260 PCB series (ug/L)
01001	Arsenic, suspended total (ug/L as As)
01001	Arsenic, suspended (ug/L as As)
01006	Barium, suspended recoverable (ug/L as Ba)
01006	Barium, suspended (ug/L as Ba)
01007	Barium, total recoverable (ug/L as Ba)
01007	Barium, total (ug/L as Ba)
01008	Barium, recoverable from bottom material (ug/g as Ba)
01008	Barium, total in bottom material (ug/g as Ba)
01011	Beryllium, suspended recoverable (ug/L as Be)
01011	Beryllium, suspended (ug/L as Be)
01012	Beryllium, total recoverable (ug/L as Be)
01012	Beryllium, total (ug/L as Be)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
01013	Beryllium, recoverable from bottom material (ug/g as Be)
01013	Beryllium, total in bottom material (ug/g as Be)
03505	Beta, suspended total (pCi/L)
03505	Beta, suspended (pCi/L)
03506	Beta, suspended total, counting error (pCi/L)
03506	Beta, suspended, counting error (pCi/L)
01016	Bismuth, suspended total (ug/L as Bi)
01016	Bismuth, suspended (ug/L as Bi)
01021	Boron, suspended recoverable (ug/L as B)
01021	Boron, suspended (ug/L as B)
01022	Boron, total recoverable (ug/L as B)
01022	Boron, total (ug/L as B)
01023	Boron, recoverable from bottom material (ug/g as B)
01023	Boron, total in bottom material (ug/g as B)
01026	Cadmium, suspended recoverable (ug/L as Cd)
01026	Cadmium, suspended (ug/L as Cd)
01027	Cadmium, total recoverable (ug/L as Cd)
01027	Cadmium, total (ug/L as Cd)
01028	Cadmium, recoverable from bottom material (ug/g as Cd)
01028	Cadmium, total in bottom material (ug/g as Cd)
00916	Calcium, total recoverable (mg/L as Ca)
00916	Calcium, total (mg/L as Ca)
07052	Calcium 45, suspended total (pCi/L)
07052	Calcium 45, suspended (pCi/L)
07053	Calcium 45, suspended total, counting error (pCi/L)
07053	Calcium 45, suspended, counting error (pCi/L)
00683	Carbon, organic, suspended total (mg/L as C)
00683	Carbon, organic, suspended (mg/L as C)
00688	Carbon, inorganic, suspended total (mg/L as C)
00688	Carbon, inorganic, suspended (mg/L as C)
00689	Carbon, organic, suspended total (mg/L as C)
00689	Carbon, organic, suspended (mg/L as C)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
00694	Carbon, inorganic plus organic, suspended total (mg/L as C)
00694	Carbon, inorganic plus organic, suspended (mg/L as C)
01116	Cesium, suspended total (ug/L as Cs)
01116	Cesium, suspended (ug/L as Cs)
28404	Cesium 137, suspended total (pCi/L)
28404	Cesium 137, suspended (pCi/L)
28405	Cesium 137, suspended total, counting error (pCi/L)
28405	Cesium 137, suspended, counting error (pCi/L)
28412	Cesium 134, suspended total (pCi/L)
28412	Cesium 134, suspended (pCi/L)
28413	Cesium 134, suspended total, counting error (pCi/L)
28413	Cesium 134, suspended, counting error (pCi/L)
39353	Chlordane, suspended total (ug/L)
39353	Chlordane, suspended (ug/L)
01029	Chromium, recoverable from bottom material (ug/g as Cr)
01029	Chromium, total in bottom material (ug/g as Cr)
01031	Chromium, suspended recoverable (ug/L as Cr)
01031	Chromium, suspended (ug/L as Cr)
01034	Chromium, total recoverable (ug/L as Cr)
01034	Chromium, total (ug/L as Cr)
01036	Cobalt, suspended recoverable (ug/L as Co)
01036	Cobalt, suspended (ug/L as Co)
01037	Cobalt, total recoverable (ug/L as Co)
01037	Cobalt, total (ug/L as Co)
01038	Cobalt, recoverable from bottom material (ug/g as Co)
01038	Cobalt, total in bottom material (ug/g as Co)
01041	Copper, suspended recoverable (ug/L as Cu)
01041	Copper, suspended (ug/L as Cu)
01042	Copper, Total recoverable (ug/L as Cu)
01042	Copper, total (ug/L as Cu)
01043	Copper, recoverable from bottom material (ug/g as Cu)
01043	Copper, total in bottom material (ug/g as Cu)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39362	DDD, suspended total (ug/L)
39362	DDD, suspended (ug/L)
39367	DDE, suspended total (ug/L)
39367	DDE, suspended (ug/L)
39372	DDT, suspended total (ug/L)
39372	DDT, suspended (ug/L)
39573	Diazinon, suspended total (ug/L)
39573	Diazinon, suspended (ug/L)
39382	Dieldrin, suspended total (ug/L)
39382	Dieldrin, suspended (ug/L)
39392	Endrin, suspended total (ug/L)
39392	Endrin, suspended (ug/L)
01121	Gallium, suspended total (ug/L as Ga)
01121	Gallium, suspended (ug/L as Ga)
01126	Germanium, suspended total (ug/L as Ge)
01126	Germanium, suspended (ug/L as Ge)
01516	Gross alpha radioactivity, suspended total (pCi/L as U natural)
01516	Gross alpha radioactivity, suspended (pCi/L as U natural)
01517	Gross alpha radioactivity, suspended total (pCi/g as U natural)
01517	Gross alpha radioactivity, suspended (pCi/g as U natural)
01518	Gross alpha radioactivity, suspended total (ug/g as U natural)
01518	Gross alpha radioactivity, suspended (ug/g as U natural)
80040	Gross alpha radioactivity, suspended total (ug/L as U natural)
80040	Gross alpha radioactivity, suspended (ug/L as U natural)
80060	Gross beta radioactivity, suspended total (pCi/L as Sr/Yt-90)
80060	Gross beta radioactivity, suspended (pCi/L as Sr/Yt-90)
03516	Gross beta radioactivity, suspended total (pCi/L as Cs-137)
03516	Gross beta radioactivity, suspended (pCi/L as Cs-137)
03517	Gross beta radioactivity, suspended total (pCi/g as Sr/Yt-90)
03517	Gross beta radioactivity, suspended (pCi/g as Sr/Yt-90)
03518	Gross beta radioactivity, suspended total (pCi/g as Cs-137)
03518	Gross Beta radioactivity, suspended (pCi/g as Cs-137)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39412	Heptachlor, suspended total (ug/L)
39412	Heptachlor, suspended (ug/L)
39422	Heptachlor epoxide, suspended total (ug/L)
39422	Heptachlor epoxide, suspended (ug/L)
01044	Iron, suspended recoverable (ug/L as Fe)
01044	Iron, suspended (ug/L as Fe)
01045	Iron, total recoverable (ug/L as Fe)
01045	Iron, total (ug/L as Fe)
01170	Iron, recoverable from bottom material (ug/g as Fe)
01170	Iron, total in bottom material (ug/g as Fe)
07062	Iron 59, suspended total (pCi/L)
07062	Iron 59, suspended (pCi/L)
07063	Iron 59, suspended total, counting error (pCi/L)
07063	Iron 59, suspended, counting error (pCi/L)
39432	Isodrin, suspended total (ug/L)
39432	Isodrin, suspended (ug/L)
01050	Lead, suspended recoverable (ug/L as Pb)
01050	Lead, suspended (ug/L as Pb)
01051	Lead, total recoverable (ug/L as Pb)
01051	Lead, total (ug/L as Pb)
01052	Lead, recoverable from bottom material (ug/g as Pb)
01052	Lead, total in bottom material (ug/g as Pb)
39342	Lindane, suspended total (ug/L)
39342	Lindane, suspended (ug/L)
01131	Lithium, suspended recoverable (ug/L as Li)
01131	Lithium, suspended (ug/L as Li)
01132	Lithium, total recoverable (ug/L as Li)
01132	Lithium, total (ug/L as Li)
00926	Magnesium, suspended recoverable (mg/L as Mg)
00926	Magnesium, suspended (mg/L as Mg)
00927	Magnesium, total recoverable (mg/L as Mg)
00927	Magnesium, total (mg/L as Mg)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
39533	Malathion, suspended total (ug/L)
39533	Malathion, suspended (ug/L)
01053	Manganese, recoverable from bottom material (ug/g as Mn)
01053	Manganese, total in bottom material (ug/g as Mn)
01054	Manganese, suspended recoverable (ug/L as Mn)
01054	Manganese, suspended (ug/L as Mn)
01055	Manganese, total recoverable (ug/L as Mn)
01055	Manganese, total (ug/L as Mn)
71895	Mercury, suspended recoverable (ug/L as Hg)
71895	Mercury, suspended (ug/L as Hg)
71900	Mercury, total recoverable (ug/L as Hg)
71900	Mercury, total (ug/L as Hg)
71921	Mercury, recoverable from bottom material (ug/g as Hg)
71921	Mercury, total in bottom material (ug/g as Hg)
39603	Methyl parathion, suspended total (ug/L)
39603	Methyl parathion, suspended (ug/L)
39757	Mirex, suspended total (ug/L)
39757	Mirex, suspended (ug/L)
01061	Molybdenum, suspended recoverable (ug/L as Mo)
01061	Molybdenum, suspended (ug/L as Mo)
01062	Molybdenum, total recoverable (ug/L as Mo)
01062	Molybdenum, total (ug/L as Mo)
01063	Molybdenum, recoverable from bottom material (ug/g as Mo)
01063	Molybdenum, total in bottom material (ug/g as Mo)
01066	Nickel, suspended recoverable (ug/L as Ni)
01066	Nickel, suspended (ug/L as Ni)
01067	Nickel, total recoverable (ug/L as Ni)
01067	Nickel, total (ug/L as Ni)
01068	Nickel, recoverable from bottom material (ug/g as Ni)
01068	Nickel, total in bottom material (ug/g as Ni)
00623	Nitrogen, ammonia plus organic, dissolved (mg/L as N)
00623	Nitrogen, kjeldahl, dissolved (mg/L as N)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
00624	Nitrogen, ammonia plus organic, suspended total (mg/L as N)
00624	Nitrogen, kjeldahl, suspended (mg/L as N)
00625	Nitrogen, ammonia plus organic, total (mg/L as N)
00625	Nitrogen, kjeldahl, total (mg/L as N)
00626	Nitrogen, ammonia plus organic, total in bottom material, dry wt (mg/kg as N)
00626	Nitrogen, kjeldahl, total in bottom material, dry wt (mg/kg as N)
39543	Parathion, suspended total (ug/L)
39543	Parathion, suspended (ug/L)
39518	PCB, suspended total (ug/L)
39518	PCB, suspended (ug/L)
09505	Radium 226, suspended total (pCi/L)
09505	Radium 226, suspended (pCi/L)
07082	Rhodamine Wt, suspended total (ug/L)
07082	Rhodamine Wt, suspended (ug/L)
01136	Rubidium, suspended total (ug/L as Rb)
01136	Rubidium, suspended (ug/L as Rb)
29633	Scandium 46, suspended total (pCi/L)
29633	Scandium 46, suspended (pCi/L)
29634	Scandium 46, suspended total, counting error (pCi/L)
29634	Scandium 46, suspended, counting error (pCi/L)
01146	Selenium, suspended total (ug/L as Se)
01146	Selenium, suspended (ug/L as Se)
07102	Selenium 75, suspended total (pCi/L)
07102	Selenium 75, suspended (pCi/L)
07103	Selenium 75, suspended total, counting error (pCi/L)
07103	Selenium 75, suspended, counting error (pCi/L)
01076	Silver, suspended recoverable (ug/L as Ag)
01076	Silver, suspended (ug/L as Ag)
01077	Silver, total recoverable (ug/L as Ag)
01077	Silver, total (ug/L as Ag)
01078	Silver, recoverable from bottom material (ug/g as Ag)
01078	Silver, total in bottom material (ug/g as Ag)

NUMERIC LISTING--Continued

388 Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07122	Silver 110, suspended total (pCi/L)
07122	Silver 110, suspended (pCi/L)
07123	Silver 110, suspended total, counting error (pCi/L)
07123	Silver 110, suspended, counting error (pCi/L)
39763	Silvex, suspended total (ug/L)
39763	Silvex, suspended (ug/L)
70299	Solids, residue at 110 deg. C, suspended total (mg/L)
70299	Solids, residue at 110 deg. C, suspended (mg/L)
01081	Strontium, suspended recoverable (ug/L as Sr)
01081	Strontium, suspended (ug/L as Sr)
01082	Strontium, total recoverable (ug/L as Sr)
01082	Strontium, total (ug/L as Sr)
01083	Strontium, recoverable from bottom material (ug/g as Sr)
01083	Strontium, total in bottom material (ug/g as Sr)
13505	Strontium 90, suspended total (pCi/L)
13505	Strontium 90, suspended (pCi/L)
13506	Strontium 90, suspended total, counting error (pCi/L)
13506	Strontium 90, suspended, counting error (pCi/L)
07142	Sulfur 35, suspended total (pCi/L)
07142	Sulfur 35, suspended (pCi/L)
07143	Sulfur 35, suspended total, counting error (pCi/L)
07143	Sulfur 35, suspended, counting error (pCi/L)
01101	Tin, suspended recoverable (ug/L as Sn)
01101	Tin, suspended (ug/L as Sn)
01102	Tin, total recoverable (ug/L as Sn)
01102	Tin, total (ug/L as Sn)
01151	Titanium, suspended total (ug/L as Ti)
01151	Titanium, suspended (ug/L as Ti)
39402	Toxaphene, suspended total (ug/L)
39402	Toxaphene, suspended (ug/L)
07010	Tritium, suspended total (pCi/L)
07010	Tritium, suspended (pCi/L)

Parm Code	New Terminology -- First Line Old Terminology -- Second Line
07011	Tritium, suspended total, counting error (pCi/L)
07011	Tritium, suspended, counting error (pCi/L)
07014	Tritium, suspended total, counting error (tritium units)
07014	Tritium, suspended, counting error (tritium units)
07016	Tritium, suspended total (tritium units)
07016	Tritium, suspended (tritium units)
22705	Uranium, natural, suspended total (ug/L as U natural)
22705	Uranium, natural, suspended (ug/L as U natural)
01086	Vanadium, suspended total (ug/L as V)
01086	Vanadium, suspended (ug/L as V)
01091	Zinc, suspended recoverable (ug/L as Zn)
01091	Zinc, suspended (ug/L as Zn)
01092	Zinc, total recoverable (ug/L as Zn)
01092	Zinc, total (ug/L as Zn)
01093	Zinc, recoverable from bottom material (ug/g as Zn)
01093	Zinc, total in bottom material (ug/g as Zn)
01161	Zirconium, suspended total (ug/L as Zr)
01161	Zirconium, suspended (ug/L as Zr)
39733	2,4-D, suspended total (ug/L)
39733	2,4-D, suspended (ug/L)
39743	2,4,5-T, suspended total (ug/L)
39743	2,4,5-T, suspended (ug/L)

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1983

OCTOBER

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1984

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JULY

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